

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: 13:51:45

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: Male

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: 13:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_051

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Eye	Crystalline Lens	Cataract
	Retina	Degeneration, Nos
	Iris	Inflammation, Active Chronic
	Crystalline Lens	Mineralization
	Cornea	Synechia, Anterior
Heart	Myocardium Nos	Degeneration, Nos
	Atrium	Mineralization
Kidney		Nephropathy
Liver		Focal Cellular Change
Mammary gland		Hyperplasia, Epithelial
Nasal cavity	Mucosa	Hyperplasia, Lymphoid
	Mucosa	Inflammation, Active Chronic
Pancreas	Acinus	Atrophy, Focal
Salivary gland	Parotid Gland Nos	Inflammation, Chronic Focal
	Parotid Gland Nos	Necrosis, Diffuse
Testis		Interstitial-Cell Tumor
Tongue		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: 13:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_052

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Angiectasis

Bone marrow

Medulla

Pheochromocytoma

Eye

Nasolacrimal Duct

Hyperplasia, Hematopoietic

Heart

Myocardium Nos

Inflammation, Chronic

Intestine Small

Mesentery Nos

Degeneration, Nos

Kidney

Hemosiderosis

Liver

Nephropathy

Lung

Cytoplasmic Change, Basophilic

Nasal cavity

Mucosa

Inflammation, Interstitial

Pancreas

Acinus

Inflammation, Active Chronic

Preputial gland

Atrophy, Focal

Abscess, Nos

Testis

Carcinoma, Nos

Inflammation, Granulomatous

Thyroid

Interstitial-Cell Tumor

Mineralization

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: 13:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_053

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Focal

Eye

Nasolacrimal Duct

Inflammation, Chronic

Heart

Atrium

Dilatation, Nos

Kidney

Inflammation, Chronic Focal

Nephropathy

Liver

Bile Duct

Hyperplasia, Nos

Nasal cavity

Mucosa

Inflammation, Active Chronic

Pancreas

Acinus

Atrophy, Focal

Stomach

Glandular Stomach

Cyst, Nos

Testis

Interstitial-Cell Tumor

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: 13:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_054

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Focal Cellular Change
Bone marrow		Hyperplasia, Hematopoietic
Heart	Myocardium Nos	Degeneration, Nos
	Myocardium Nos	Mineralization
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Focal Cellular Change
		Neoplastic Nodule
Lung		Liposarcoma, Uncertain Primary Or Metastatic
Mammary gland		Dilatation, Nos
		Hyperplasia, Epithelial
Nasal cavity	Mucosa	Hyperplasia, Epithelial
	Mucosa	Inflammation, Chronic
Pancreas	Acinus	Hyperplasia, Focal
		Inflammation, Chronic Focal
Pituitary gland	Anterior Pituitary	Carcinoma, Nos
Preputial gland		Carcinoma, Nos
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor

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: 13:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_055

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Congestion, Nos
	Medulla	Pheochromocytoma, Malignant
Heart	Myocardium Nos	Degeneration, Nos
	Atrium	Thrombus, Organized
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Hemorrhage
	Bile Duct	Hyperplasia, Focal
Lymph node		Hemorrhage
Pancreas	Acinus	Atrophy, Focal
		Inflammation, Chronic Focal
Preputial gland		Atrophy, Nos
		Inflammation, Granulomatous
Skin		Hyperplasia, Epithelial
		Inflammation, With Fibrosis
Testis		Interstitial-Cell Tumor
		Mineralization
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: 13:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_056

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Small
Kidney
Liver
Nasal cavity
Spinal cord
Spleen
Testis

Cortex Nos
Myocardium Nos
Mesentery Nos

Bile Duct
Mucosa

Degeneration, Lipoid
Degeneration, Nos
Accessory Structure
Nephropathy
Hyperplasia, Nos
Inflammation, Chronic
Cytoplasmic Vacuolization
Hemosiderosis
Hyperplasia, Interstitial Cell
Interstitial-Cell Tumor

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: 13:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_057

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
	Medulla	Pheochromocytoma
Blood vessel	Hepatic Vein	Hyperplasia, Nos
Bone marrow		Hyperplasia, Hematopoietic
Eye	Nasolacrimal Duct	Inflammation, Chronic
Heart	Myocardium Nos	Degeneration, Nos
	Atrium	Dilatation, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Pancreas		Inflammation, Chronic Diffuse
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Testis		Interstitial-Cell Tumor
		Mineralization
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: 13:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_058

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
	Medulla	Mineralization
	Medulla	Pheochromocytoma
Bone marrow		Hyperplasia, Hematopoietic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Degeneration, Ballooning
		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Mammary gland		Cyst, Nos
Nasal cavity	Mucosa	Inflammation, Active Chronic
Pancreas		Inflammation, Chronic Diffuse
Pituitary gland	Anterior Pituitary	Cyst, Nos
Preputial gland		Carcinoma, Nos
		Inflammation, Granulomatous
Testis		Interstitial-Cell Tumor
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: 13:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_059

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
	Medulla	Pheochromocytoma
Eye	Nasolacrimal Duct	Inflammation, Chronic
Heart	Myocardium Nos	Degeneration, Nos
	Atrium	Mineralization
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Focal
Pancreas		Inflammation, Chronic Diffuse
Salivary gland		Inflammation, Chronic Focal
Skin		Hyperplasia, Epithelial
		Inflammation, With Fibrosis
Testis		Interstitial-Cell Tumor
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: 13:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_060

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart

Myocardium Nos

Degeneration, Nos

Myocardium Nos

Pigmentation, Nos

Skin

Basal-Cell Tumor

Testis

Interstitial-Cell Tumor

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: 13:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_061

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Bone marrow		Hyperplasia, Hematopoietic
Eye	Nasolacrimal Duct	Inflammation, Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Nasal cavity	Mucosa	Adenocarcinoma, Nos
	Mucosa	Inflammation, Chronic
Pancreas	Acinus	Atrophy, Focal
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
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: 13:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_062

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Congestion, Nos
	Cortex Nos	Osteosarcoma, Metastatic
Bone	Femur	Osteochondrodystrophy
	Vertebra	Osteosarcoma
Eye	Nasolacrimal Duct	Inflammation, Chronic
Heart	Myocardium Nos	Degeneration, Nos
	Cardiac Valve	Endocardiosis
	Endocardium Nos	Hyperplasia, Nos
Kidney		Nephropathy
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
		Focal Cellular Change
Lung		Osteosarcoma, Metastatic
Pancreas		Inflammation, Chronic Focal
Skin		Inflammation, Active Chronic
Testis		Interstitial-Cell Tumor
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: 13:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_063

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Ectopia
	Medulla	Pheochromocytoma
Brain	Choroid Plexus Nos	Hyperplasia, Papillary
Eye	Nasolacrimal Duct	Inflammation, Chronic
Heart	Myocardium Nos	Degeneration, Nos
	Atrium	Dilatation, Nos
	Atrium	Fibrosis
	Atrium	Mineralization
Kidney		Nephropathy
Lymph node	Mandibular Lymph Node	Hyperplasia, Nos
Preputial gland		Inflammation, Granulomatous
Skin		Squamous Cell Carcinoma
Testis		Interstitial-Cell Tumor
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: 13:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_064

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Heart	Myocardium Nos	Degeneration, Nos
	Myocardium Nos	Mineralization
Kidney		Nephropathy
Liver		Clear-Cell Change
		Focal Cellular Change
		Granuloma, Nos
	Bile Duct	Hyperplasia, Nos
Lymph node	Mediastinal Lymph Node	Hemosiderosis
	Mandibular Lymph Node	Hyperplasia, Nos
Nasal cavity	Mucosa	Inflammation, Chronic
Pancreas		Inflammation, Chronic Focal
Testis		Interstitial-Cell Tumor
		Mineralization
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: 13:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_065

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Pancreas		Inflammation, Chronic Focal
Salivary gland		Atrophy, Focal
Testis		Interstitial-Cell Tumor
		Mineralization
Thymus		Hyperplasia, Epithelial
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: 13:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_066

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Ductus deferens

Ampulla Of Vas Deferens

Retention Of Content

Eye

Nasolacrimal Duct

Inflammation, Chronic

Heart

Myocardium Nos

Degeneration, Nos

Atrium

Thrombus, Organized

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Bile Duct

Hyperplasia, Nos

Lung

Inflammation, Interstitial

Lymph node

Mesenteric Lymph Node

Cyst, Nos

Hemorrhage

Nasal cavity

Mucosa

Inflammation, Chronic

Pancreas

Acinus

Atrophy, Focal

Preputial gland

Inflammation, Granulomatous

Spleen

Hemosiderosis

Testis

Interstitial-Cell Tumor

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: 13:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_067

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
	Medulla	Pheochromocytoma
Bone marrow		Hyperplasia, Hematopoietic
Eye	Nasolacrimal Duct	Inflammation, Active Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Focal
Pancreas		Inflammation, Chronic Focal
Preputial gland		Carcinoma, Nos
		Papillary Carcinoma
Skin		Hyperplasia, Epithelial
		Inflammation, Active Chronic
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
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: 13:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_068

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone	Femur	Metaplasia, Cartilaginous
Eye	Nasolacrimal Duct	Inflammation, Chronic
Heart	Myocardium Nos	Degeneration, Nos
	Cardiac Valve	Endocardiosis
Lung		Inflammation, Chronic Focal
Mammary gland		Hyperplasia, Epithelial
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Focal Cellular Change
Spleen		Hemosiderosis
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Unspecified		Fibrosarcoma

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: 13:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_069

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Focal

Bone marrow

Hyperplasia, Hematopoietic

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Nephropathy

Nasal cavity

Mucosa

Inflammation, Chronic

Preputial gland

Carcinoma, Nos

Testis

Interstitial-Cell Tumor

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: 13:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_070

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Bone marrow		Hyperplasia, Hematopoietic
Eye	Nasolacrimal Duct	Inflammation, Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lymph node	Mandibular Lymph Node	Hemorrhage
Nasal cavity	Mucosa	Inflammation, Chronic
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Focal Cellular Change
Preputial gland		Carcinoma, Nos
		Inflammation, Granulomatous
Prostate		Mineralization
Salivary gland	Parotid Gland Nos	Atrophy, Focal
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Cyst, Nos
Testis		Interstitial-Cell Tumor
		Mineralization
Thymus		Hyperplasia, Epithelial
Thyroid		C-Cell Carcinoma
		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: 13:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_071

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
	Medulla	Pheochromocytoma
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Inflammation, Chronic Focal
		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Granuloma, Nos
Lymph node		Hemosiderosis
	Mandibular Lymph Node	Hyperplasia, Nos
Nasal cavity	Mucosa	Hyperplasia, Epithelial
	Mucosa	Inflammation, Active Chronic
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Cyst, Nos
Preputial gland		Inflammation, Active Chronic
		Retention Of Content
Skin	Face	Squamous Cell Carcinoma
Testis		Interstitial-Cell Tumor
		Mineralization
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: 13:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_072

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma, Malignant
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Eye	Nasolacrimal Duct	Inflammation, Chronic
Heart	Myocardium Nos	Degeneration, Nos
	Atrium	Fibrosis
	Epicardium	Inflammation, Chronic Focal
Intestine Small	Mesentery Nos	Accessory Structure
Kidney		Nephropathy
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Focal
Lung		Inflammation, Interstitial
Testis		Interstitial-Cell Tumor
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: 13:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_073

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Pheochromocytoma

Epididymis

Medulla

Pheochromocytoma, Malignant

Eye

Nasolacrimal Duct

Dilatation, Nos

Heart

Myocardium Nos

Inflammation, Chronic

Intestine Small

Mesentery Nos

Degeneration, Nos

Kidney

Accessory Structure

Liver

Nephropathy

Cytoplasmic Change, Basophilic

Nasal cavity

Bile Duct

Hyperplasia, Nos

Preputial gland

Mucosa

Inflammation, Active Chronic

Adenoma, Nos

Carcinoma, Nos

Testis

Hyperplasia, Epithelial

Interstitial-Cell Tumor

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: 13:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_074

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Mineralization
Bone marrow		Congestion, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Pancreas	Acinus	Atrophy, Focal
Stomach	Glandular Stomach	Cyst, Nos
Testis		Interstitial-Cell Tumor
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: 13:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_075

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
	Medulla	Pheochromocytoma
Bone marrow		Hyperplasia, Hematopoietic
Epididymis		Infarct, Nos
Esophagus		Hyperkeratosis
		Infection, Bacterial
Eye	Nasolacrimal Duct	Inflammation, Active Chronic
Heart	Myocardium Nos	Degeneration, Nos
	Atrium	Fibrosis
	Atrium	Thrombus, Organized
Kidney		Nephropathy
Liver		Degeneration, Ballooning
	Bile Duct	Hyperplasia, Nos
		Thrombosis, Nos
Mammary gland		Hyperplasia, Epithelial
Nasal cavity	Mucosa	Inflammation, Active Chronic
Pancreas	Acinus	Atrophy, Focal
Stomach	Glandular Stomach	Amyloidosis
Testis		Atrophy, Nos
		Infarct, Nos
		Interstitial-Cell Tumor
Tongue		Squamous Cell Carcinoma
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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_076

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Bone marrow		Hyperplasia, Hematopoietic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Lung		Perivascular Cuffing
Lymph node		Cyst, Nos
Pancreas		Inflammation, Chronic Focal
Preputial gland		Carcinoma, Nos
		Inflammation, Active Chronic
		Retention Of Content
Seminal vesicle		Atrophy, Nos
Testis		Interstitial-Cell Tumor
		Mineralization
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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_077

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
	Medulla	Pheochromocytoma
Brain		Reticulosis, Malignant
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Centrilobular	Degeneration, Nos
	Bile Duct	Hyperplasia, Nos
Lymph node		Hemorrhage
Pancreas	Acinus	Atrophy, Focal
		Inflammation, Chronic Diffuse
Pituitary gland	Anterior Pituitary	Cyst, Nos
Prostate		Retention Of Content
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
		Mineralization
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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_078

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Bone marrow
Heart
Kidney
Liver

Myocardium Nos

Lymph node
Nasal cavity
Pancreas
Pituitary gland
Preputial gland
Testis
Thymus
Thyroid

Mucosa
Acinus
Anterior Pituitary

Cortical Adenoma
Hyperplasia, Hematopoietic
Degeneration, Nos
Nephropathy
Angiectasis
Focal Cellular Change
Hemorrhage
Inflammation, Acute
Atrophy, Focal
Cyst, Nos
Papillary Carcinoma
Interstitial-Cell Tumor
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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_079

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Interstitial
Nasal cavity	Mucosa	Inflammation, Acute
Pancreas	Acinus	Atrophy, Focal
Preputial gland		Carcinoma, Nos
Skin		Inflammation, Active Chronic
		Ulcer, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Axilla	Fibroma
		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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_080

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Pheochromocytoma, Malignant

Heart

Myocardium Nos

Degeneration, Nos

Atrium

Dilatation, Nos

Myocardium Nos

Hemosiderosis

Myocardium Nos

Mineralization

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Bile Duct

Hyperplasia, Nos

Lung

Pheochromocytoma, Metastatic

Mammary gland

Fibroadenoma

Pancreas

Acinus

Atrophy, Focal

Salivary gland

Inflammation, With Fibrosis

Testis

Interstitial-Cell Tumor

Thyroid

Mineralization

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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_081

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Ectopia
Eye	Nasolacrimal Duct	Inflammation, Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Nasal cavity	Mucosa	Inflammation, Acute
Preputial gland		Carcinoma, Nos
Prostate		Inflammation, Active Chronic
Salivary gland	Parotid Gland Nos	Atrophy, Focal
Testis		Interstitial-Cell Tumor
		Mineralization
Thyroid	Follicle	Mineralization
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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_082

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
	Medulla	Pheochromocytoma
Bone	Femur	Fracture, Healed
Eye	Crystalline Lens	Cataract
	Retina	Degeneration, Nos
	Nasolacrimal Duct	Inflammation, Chronic
	Crystalline Lens	Mineralization
Kidney		Nephropathy
Liver		Angiectasis
		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Nasal cavity	Mucosa	Inflammation, Active Chronic
Pancreas	Acinus	Atrophy, Focal
Testis		Interstitial-Cell Tumor
		Mineralization
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
	Connective Tissue Nos	Lipoma

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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_083

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Deformity, Nos
	Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Interstitial
Pancreas		Inflammation, Chronic Focal
Spleen		Hemosiderosis
Testis		Interstitial-Cell Tumor

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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_084

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
	Cortex Nos	Hyperplasia, Focal
Bone marrow		Hyperplasia, Hematopoietic
Eye	Nasolacrimal Duct	Inflammation, Active Chronic
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Interstitial
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Carcinoma, Nos
		Inflammation, Acute
		Inflammation, Granulomatous
Skin	Tail	Hyperplasia, Epithelial
	Tail	Inflammation, With Fibrosis
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thymus		Hyperplasia, Epithelial
Thyroid		C-Cell Adenoma
Trachea	Gland	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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_085

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Hematopoietic
Eye	Nasolacrimal Duct	Inflammation, Chronic
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
		Mitotic Alteration
Salivary gland	Parotid Gland Nos	Atrophy, Focal
Testis		Interstitial-Cell Tumor
		Mineralization
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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_086

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
	Medulla	Pheochromocytoma, Malignant
Bone marrow		Hyperplasia, Hematopoietic
Heart	Myocardium Nos	Degeneration, Nos
	Endocardium Nos	Hyperplasia, Nos
	Atrium	Metaplasia, Osseous
Intestine Large	Large Intestine, Colon	Cyst, Nos
	Large Intestine, Colon	Sclerosis
Kidney	Cortex	Cyst, Nos
		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
		Congestion, Nos
Lung		Atrophy, Focal
Pancreas	Acinus	Carcinoma, Nos
Preputial gland		Hyperplasia, Epithelial
Salivary gland	Sublingual Gland Nos	Interstitial-Cell Tumor
Testis		Mineralization
		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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_087

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Bone	Articular Cartilage	Metaplasia, Osseous
Eye	Nasolacrimal Duct	Inflammation, Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
Lung		Hyperplasia, Epithelial
Lymph node	Mandibular Lymph Node	Cyst, Nos
Nasal cavity	Mucosa	Inflammation, Active Chronic
Pancreas	Acinus	Atrophy, Focal
Preputial gland		Cyst, Nos
Prostate		Adenocarcinoma, Nos
Testis		Interstitial-Cell Tumor
		Mineralization

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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_088

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Hematopoietic
Eye	Nasolacrimal Duct	Hyperplasia, Lymphoid
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Focal
Pancreas		Inflammation, Chronic Focal
Preputial gland		Carcinoma, Nos
Testis		Interstitial-Cell Tumor
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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_089

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Eye	Nasolacrimal Duct	Inflammation, Chronic
	Nasolacrimal Duct	Retention Of Content
Harderian gland	Hardarian Gland	Fibrosis
	Hardarian Gland	Inflammation, Chronic
Heart	Myocardium Nos	Degeneration, Nos
	Atrium	Dilatation, Nos
Kidney		Nephropathy
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Lymph node	Mediastinal Lymph Node	Hemosiderosis
Nasal cavity	Mucosa	Inflammation, Active Chronic
Pancreas	Acinus	Atrophy, Focal
Parathyroid gland		Adenoma, Nos
Preputial gland		Hyperplasia, Epithelial
		Retention Of Content
Stomach	Glandular Stomach	Cyst, Nos
Testis		Interstitial-Cell Tumor

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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_090

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Mammary gland

Preputial gland

Testis

Thymus

Thyroid

Unspecified

Capsule

Myocardium Nos

Myocardium Nos

Soft Tissue

Multiple Organs Nos

Ectopia

Degeneration, Nos

Mineralization

Nephropathy

Pigmentation, Nos

Abscess, Nos

Carcinoma, Nos

Inflammation, Granulomatous

Interstitial-Cell Tumor

Mineralization

Hyperplasia, Epithelial

C-Cell Adenoma

Hemangioma

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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_091

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Eye	Crystalline Lens	Cataract
	Retina	Degeneration, Nos
	Nasolacrimal Duct	Inflammation, Active Chronic
	Cornea	Vascularization
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Pancreas	Acinus	Atrophy, Focal
Preputial gland		Inflammation, Granulomatous
Skin		Abscess, Nos
Testis		Interstitial-Cell Tumor
Unspecified		Inflammation, Acute/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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_092

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
	Medulla	Pheochromocytoma
Eye	Nasolacrimal Duct	Inflammation, Chronic
Heart	Myocardium Nos	Degeneration, Nos
	Myocardium Nos	Mineralization
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
		Hemorrhage
Lymph node		Inflammation, Active Chronic
Nasal cavity	Mucosa	Foreign Body, Animal
Skin		Hyperplasia, Epithelial
		Inflammation, With Fibrosis
Spleen		Accessory Structure
Testis		Interstitial-Cell Tumor
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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_093

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
		Mitotic Alteration
Lung		Inflammation, Interstitial
Nasal cavity	Mucosa	Inflammation, Active Chronic
Preputial gland		Inflammation, Granulomatous
		Retention Of Content
Skin	Tail	Hyperplasia, Epithelial
	Hair Follicle	Inflammation, Granulomatous
	Tail	Inflammation, With Fibrosis
Spleen		Fibrosis, Focal
Testis		Interstitial-Cell Tumor
		Mineralization
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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_094

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Hematopoietic
Heart	Myocardium Nos	Degeneration, Nos
	Atrium	Dilatation, Nos
Intestine Large	Colon	Retention Of Content
Kidney	Medulla	Necrosis, Nos
		Nephropathy
Liver		Congestion, Nos
Preputial gland		Retention Of Content
Prostate		Hemorrhage
		Inflammation, Active Chronic
Stomach	Forestomach	Hyperkeratosis
	Glandular Stomach	Necrosis, Focal
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Urinary bladder		Hemorrhage
		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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_095

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Focal

Bone marrow

Hyperplasia, Hematopoietic

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Focal Cellular Change

Lymphoma, Nos-Malignant

Neoplastic Nodule

Preputial gland

Abscess, Nos

Carcinoma, Nos

Hyperplasia, Epithelial

Testis

Atrophy, Nos

Interstitial-Cell Tumor

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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_096

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Angiectasis Pheochromocytoma, Malignant
Bone marrow		Hyperplasia, Hematopoietic
Heart	Myocardium Nos Atrium	Degeneration, Nos Dilatation, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Nasal cavity	Mucosa	Inflammation, Active Chronic
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Zymbal gland		Carcinoma, 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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_097

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Hematopoietic
Eye	Nasolacrimal Duct	Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos Thrombosis, Nos
Lung		Granuloma, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Preputial gland		Carcinoma, Nos Inflammation, Granulomatous
Prostate		Retention Of Content
Stomach	Glandular Stomach	Cyst, Nos
Testis		Interstitial-Cell Tumor
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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_098

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Eye	Nasolacrimal Duct	Hyperplasia, Epithelial
	Nasolacrimal Duct	Inflammation, Active Chronic
Heart	Myocardium Nos	Degeneration, Nos
	Atrium	Dilatation, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Degeneration, Ballooning
	Bile Duct	Hyperplasia, Nos
	Portal Tract	Inflammation, Chronic
Lung		Hemosiderosis
		Inflammation, Interstitial
Nasal cavity	Mucosa	Hyperplasia, Epithelial
Pituitary gland	Anterior Pituitary	Cyst, Nos
Preputial gland		Adenoma, Nos
Skin		Abscess, Nos
		Cyst, Follicular Nos
Stomach	Glandular Stomach	Cyst, Nos
Testis		Interstitial-Cell Tumor

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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_099

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma, Malignant
Eye	Nasolacrimal Duct	Inflammation, Chronic
Heart	Myocardium Nos	Degeneration, Nos
	Endocardium Nos	Fibrosis, Focal
	Endocardium Nos	Mineralization
Kidney		Nephropathy
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Acute/Chronic
Lung		Hemosiderosis
		Histiocytosis
Lymph node		Hemorrhage
	Mandibular Lymph Node	Hyperplasia, Plasma Cell
Mammary gland		Hyperplasia, Epithelial
Nasal cavity	Mucosa	Inflammation, Active Chronic
Pancreas	Acinus	Atrophy, Focal
Spleen		Depletion, Lymphoid
Testis		Interstitial-Cell Tumor
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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_100

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule Medulla	Degeneration, Lipoid Ectopia Pheochromocytoma
Eye	Nasolacrimal Duct	Inflammation, Chronic
Heart	Myocardium Nos Atrium Atrium	Degeneration, Nos Mineralization Thrombus, Organized
Kidney		Nephropathy
Liver		Deformity, Nos
Lymph node	Bile Duct Mesenteric Lymph Node Mandibular Lymph Node Mediastinal Lymph Node	Hyperplasia, Nos Cyst, Nos Hyperplasia, Nos Hyperplasia, Nos
Pancreas	Acinus	Atrophy, Diffuse
Testis		Atrophy, Nos Interstitial-Cell Tumor Mineralization
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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_001

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Degeneration, Lipoid

Medulla

Hyperplasia, Focal

Eye

Nasolacrimal Duct

Inflammation, Chronic

Heart

Myocardium Nos

Degeneration, Nos

Endocardium Nos

Fibrosis, Focal

Liver

Cytoplasmic Change, Basophilic

Preputial gland

Carcinoma, Nos

Testis

Interstitial-Cell Tumor

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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_002

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Hematopoietic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Inflammation, Chronic Focal
Liver		Cytoplasmic Change, Basophilic
Nasal cavity	Mucosa	Inflammation, Active Chronic
Pancreas	Acinus	Atrophy, Focal
Preputial gland		Carcinoma, Nos
		Inflammation, Granulomatous
Salivary gland		Inflammation, Chronic Focal
Stomach	Glandular Stomach	Cyst, Nos
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_003

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Capsule

Ectopia

Eye

Cortex Nos

Hyperplasia, Focal

Heart

Nasolacrimal Duct

Inflammation, Active Chronic

Liver

Myocardium Nos

Degeneration, Nos

Nasal cavity

Bile Duct

Cytoplasmic Change, Basophilic

Pancreas

Mucosa

Hyperplasia, Nos

Preputial gland

Acinus

Inflammation, Active Chronic

Testis

Atrophy, Focal

Inflammation, Granulomatous

Atrophy, Nos

Interstitial-Cell Tumor

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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_004

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Nasal cavity

Mucosa

Inflammation, Chronic

Pancreas

Acinus

Atrophy, Focal

Islets

Islet-Cell Carcinoma

Preputial gland

Inflammation, Granulomatous

Testis

Hyperplasia, Interstitial Cell

Interstitial-Cell Tumor

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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_005

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Eye	Crystalline Lens	Cataract
	Retina	Degeneration, Nos
	Crystalline Lens	Mineralization
	Cornea	Synechia, Anterior
Heart	Myocardium Nos	Degeneration, Nos
	Atrium	Mineralization
Nasal cavity		Infection, Fungal
	Mucosa	Inflammation, Chronic
Pancreas	Acinus	Atrophy, Focal
Preputial gland		Abscess, Nos
		Adenoma, Nos
Spleen		Hemangiosarcoma
	Capsule	Hemosiderosis
Testis		Interstitial-Cell Tumor
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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_006

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Hematopoietic
Eye	Nasolacrimal Duct	Inflammation, Active Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Nasal cavity	Mucosa	Inflammation, Active Chronic
Preputial gland		Carcinoma, Nos
Prostate		Hyperplasia, Epithelial
		Inflammation, Active Chronic
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_007

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Nasal cavity	Mucosa	Inflammation, Active Chronic
Preputial gland		Carcinoma, Nos
		Inflammation, Granulomatous
Testis		Interstitial-Cell Tumor
		Mineralization

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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_008

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Capsule

Ectopia

Heart

Medulla

Pheochromocytoma

Liver

Myocardium Nos

Degeneration, Nos

Atrium

Thrombus, Organized

Nasal cavity

Bile Duct

Cytoplasmic Change, Basophilic

Pancreas

Nasal Gland

Hyperplasia, Nos

Preputial gland

Mucosa

Inflammation, Chronic

Testis

Acinus

Atrophy, Focal

Carcinoma, Nos

Inflammation, Active Chronic

Interstitial-Cell Tumor

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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_009

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver	Bile Duct	Hyperplasia, Nos
Pancreas	Acinus	Atrophy, Focal
		Inflammation, Chronic Focal
Preputial gland		Retention Of Content
Testis		Interstitial-Cell Tumor
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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_010

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Pheochromocytoma

Heart

Myocardium Nos

Degeneration, Nos

Liver

Bile Duct

Hyperplasia, Nos

Periportal

Inflammation, Chronic

Neoplastic Nodule

Lung

Hyperplasia, Epithelial

Inflammation, Interstitial

Nasal cavity

Mucosa

Inflammation, Active Chronic

Preputial gland

Carcinoma, Nos

Testis

Interstitial-Cell Tumor

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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_011

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
	Atrium	Inflammation, Chronic
Nasal cavity	Mucosa	Inflammation, Active Chronic
Pancreas		Inflammation, Chronic Focal
Preputial gland		Abscess, Nos
		Carcinoma, Nos
Testis		Interstitial-Cell Tumor

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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_012

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Pheochromocytoma

Heart

Medulla

Pheochromocytoma, Malignant

Liver

Myocardium Nos

Degeneration, Nos

Cytoplasmic Change, Basophilic

Bile Duct

Hyperplasia, Nos

Necrosis, Focal

Pancreas

Acinus

Atrophy, Focal

Preputial gland

Carcinoma, Nos

Inflammation, Chronic

Spleen

Fibrosis, Focal

Testis

Interstitial-Cell Tumor

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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_013

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Liver	Bile Duct	Atrophy, Focal Hyperplasia, Nos Pigmentation, Nos
Nasal cavity	Mucosa	Inflammation, Active Chronic
Pancreas	Anterior Pituitary	Inflammation, Acute/Chronic
Pituitary gland	Anterior Pituitary	Adenoma, Nos Cyst, Nos
Testis	Multiple Organs Nos	Interstitial-Cell Tumor
Unspecified		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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_014

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
	Medulla	Pheochromocytoma
Heart	Myocardium Nos	Degeneration, Nos
Liver		Cytoplasmic Change, Basophilic
		Deformity, Nos
	Bile Duct	Hyperplasia, Nos
Lung		Alveolar/Bronchiolar Adenoma
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Focal Cellular Change
Skin	Tail	Hyperplasia, Epithelial
	Tail	Inflammation, With Fibrosis
Testis		Interstitial-Cell Tumor
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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_015

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
	Medulla	Pheochromocytoma
Heart	Cardiac Valve	Endocardiosis
	Epicardium	Inflammation, Active Chronic
Liver		Cytoplasmic Change, Basophilic Scar
Nasal cavity	Mucosa	Inflammation, Chronic
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Preputial gland		Inflammation, Granulomatous
Testis		Atrophy, Nos Hyperplasia, Interstitial Cell
Unspecified	Multiple Organs Nos	Interstitial-Cell Tumor 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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_016

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow

Heart

Mammary gland

Spleen

Unspecified

Myocardium Nos

Abdomen

Hyperplasia, Hematopoietic

Inflammation, Acute/Chronic

Hyperplasia, Epithelial

Hematopoiesis

Fibrosarcoma

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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_017

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Hematopoietic
Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Mesentery Nos	Hemosiderosis
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver	Centrilobular	Degeneration, Nos
	Bile Duct	Hyperplasia, Nos
		Necrosis, Focal
Lymph node		Hemorrhage
		Hemosiderosis
Nasal cavity	Mucosa	Angiectasis
	Mucosa	Hemorrhage
	Mucosa	Inflammation, Active Chronic
	Mucosa	Thrombosis, Nos
Pancreas		Inflammation, Chronic Focal
Stomach	Glandular Stomach	Sclerosis
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Mesothelioma, 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: 13:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_018

TRT#: 2
DOSE: 2000 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Eye	Nasolacrimal Duct	Inflammation, Chronic
Heart	Myocardium Nos	Degeneration, Nos
Liver		Cytoplasmic Change, Basophilic Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Nasal cavity	Mucosa	Inflammation, Active Chronic
Testis		Interstitial-Cell Tumor

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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_019

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Bone marrow		Hyperplasia, Hematopoietic
Eye	Nasolacrimal Duct	Inflammation, Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
Nasal cavity	Mucosa	Inflammation, Active Chronic
	Mucosa	Inflammation, Chronic
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Cyst, Nos
Preputial gland		Carcinoma, Nos
		Inflammation, Granulomatous
Prostate		Inflammation, Active Chronic
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_020

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
	Medulla	Pheochromocytoma, Malignant
Heart	Myocardium Nos	Degeneration, Nos
	Atrium	Inflammation, Chronic
Pancreas	Acinus	Atrophy, Focal
	Acinus	Cytoplasmic Change, Basophilic
Preputial gland		Hyperplasia, Epithelial
		Inflammation, Granulomatous
Skin	Head	Inflammation, Active Chronic
	Head	Sebaceous Adenocarcinoma
Testis		Interstitial-Cell Tumor

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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_021

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Focal

Eye

Medulla

Pheochromocytoma, Malignant

Crystalline Lens

Cataract

Retina

Degeneration, Nos

Heart

Myocardium Nos

Degeneration, Nos

Liver

Bile Duct

Hyperplasia, Nos

Pancreas

Acinus

Atrophy, Focal

Testis

Inflammation, Chronic Diffuse

Unspecified

Multiple Organs Nos

Interstitial-Cell Tumor

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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_022

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Focal Cellular Change

Heart

Medulla

Pheochromocytoma

Liver

Myocardium Nos

Degeneration, Nos

Nasal cavity

Bile Duct

Hyperplasia, Nos

Preputial gland

Mucosa

Inflammation, Chronic

Testis

Hyperplasia, Epithelial

Atrophy, Nos

Unspecified

Multiple Organs Nos

Interstitial-Cell Tumor

Mineralization

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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_023

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Eye

Nasolacrimal Duct

Inflammation, Chronic

Heart

Myocardium Nos

Degeneration, Nos

Liver

Focal Cellular Change

Bile Duct

Hyperplasia, Nos

Centrilobular

Inflammation, Chronic

Nasal cavity

Mucosa

Inflammation, Chronic

Preputial gland

Adenoma, Nos

Testis

Interstitial-Cell Tumor

Mineralization

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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_024

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Eye	Nasolacrimal Duct	Inflammation, Active Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Focal
Lung		Inflammation, Interstitial
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Testis		Interstitial-Cell Tumor

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: 13:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_025

TRT#: 2
DOSE: 2000 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Focal Cellular Change Pheochromocytoma
Eye	Nasolacrimal Duct	Inflammation, Chronic
Heart	Myocardium Nos	Degeneration, Nos
Liver		Cytoplasmic Change, Basophilic Cytoplasmic Change, Eosinophilic
	Bile Duct	Hyperplasia, Nos
Nasal cavity	Mucosa	Inflammation, Chronic
Pancreas		Inflammation, Chronic Focal
Preputial gland		Abscess, Nos
		Hyperplasia, Papillary
Testis		Hyperplasia, Interstitial Cell Interstitial-Cell Tumor

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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_026

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Angiectasis
	Capsule	Ectopia
	Medulla	Hyperplasia, Focal
	Medulla	Mineralization
Eye	Nasolacrimal Duct	Inflammation, Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Fibrosis, Multifocal
	Bile Duct	Hyperplasia, Nos
Lung	Pleura Nos	Mesothelioma, Nos
Pancreas	Acinus	Atrophy, Focal
Preputial gland		Hyperplasia, Epithelial
		Inflammation, Active Chronic
Seminal vesicle		Atrophy, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Follicular-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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_027

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Metamorphosis, Fatty

Eye

Nasolacrimal Duct

Inflammation, Chronic

Heart

Myocardium Nos

Inflammation, Acute/Chronic

Kidney

Nephropathy

Lung

Congestion, Nos

Lymph node

Mesenteric Lymph Node

Hyperplasia, Reticulum Cell

Nasal cavity

Mucosa

Inflammation, Acute

Preputial gland

Inflammation, Granulomatous

Zymbal gland

Carcinoma, 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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_028

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Eye
Liver
Nasal cavity
Pituitary gland
Preputial gland
Testis

Unspecified

Medulla
Nasolacrimal Duct
Bile Duct
Mucosa
Anterior Pituitary

Tunica Vaginalis
Head

Pheochromocytoma
Inflammation, Chronic
Hyperplasia, Nos
Inflammation, Active Chronic
Adenoma, Nos
Inflammation, Granulomatous
Interstitial-Cell Tumor
Mesothelioma, Nos
Neurilemoma, Malignant

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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_029

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Medulla

Hyperplasia, Focal

Eye

Nasolacrimal Duct

Inflammation, Chronic

Heart

Myocardium Nos

Degeneration, Nos

Pancreas

Acinus

Atrophy, Focal

Pituitary gland

Anterior Pituitary

Hyperplasia, Focal

Preputial gland

Hyperplasia, Epithelial

Spleen

Leukemia, Mononuclear Cell

Testis

Interstitial-Cell Tumor

Mineralization

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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_030

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Ectopia
	Capsule	Inflammation, Chronic Focal
Heart	Myocardium Nos	Degeneration, Nos
	Myocardium Nos	Pigmentation, Nos
Kidney		Nephropathy
Larynx		Inflammation, Chronic
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Nasal cavity	Mucosa	Inflammation, Chronic
Preputial gland		Inflammation, Granulomatous
Prostate		Inflammation, Active Chronic
Salivary gland	Parotid Gland Nos	Atrophy, Focal
Stomach	Glandular Stomach	Cyst, Nos
	Forestomach	Inflammation, Acute
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_031

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Liver

Nasal cavity

Pancreas

Pituitary gland

Preputial gland

Testis

Capsule

Myocardium Nos

Myocardium Nos

Bile Duct

Mucosa

Acinus

Anterior Pituitary

Ectopia

Degeneration, Nos

Mineralization

Hyperplasia, Nos

Inflammation, Chronic

Atrophy, Focal

Inflammation, Chronic Focal

Focal Cellular Change

Inflammation, Granulomatous

Interstitial-Cell Tumor

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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_032

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Acute/Chronic
Kidney	Cortex	Mineralization
Spinal cord		Meningioma
Spleen		Hemosiderosis
Urinary bladder		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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_033

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Liver
Nasal cavity
Pancreas
Preputial gland

Skin
Testis

Cortex Nos
Myocardium Nos

Mucosa
Acinus

Tail

Hyperplasia, Focal
Degeneration, Nos
Cytoplasmic Change, Basophilic
Inflammation, Active Chronic
Atrophy, Focal
Hyperplasia, Epithelial
Inflammation, Granulomatous
Retention Of Content
Keratoacanthoma
Hyperplasia, Interstitial Cell
Interstitial-Cell Tumor

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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_034

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Pheochromocytoma, Malignant

Eye

Nasolacrimal Duct

Inflammation, Chronic

Kidney

Nephropathy

Liver

Clear-Cell Change

Congestion, Nos

Cytoplasmic Change, Basophilic

Cytoplasmic Change, Eosinophilic

Bile Duct

Hyperplasia, Nos

Nasal cavity

Mucosa

Inflammation, Active Chronic

Pancreas

Acinus

Atrophy, Focal

Preputial gland

Hyperplasia, Epithelial

Inflammation, Granulomatous

Testis

Retention Of Content

Hyperplasia, Interstitial Cell

Interstitial-Cell Tumor

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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_035

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Eye	Nasolacrimal Duct	Inflammation, Chronic
Liver		Degeneration, Ballooning
	Bile Duct	Hyperplasia, Nos
Pancreas	Acinus	Atrophy, Diffuse
Spleen		Fibrosis, Focal
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
	Adipose Tissue	Necrosis, 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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_036

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Eye	Nasolacrimal Duct	Inflammation, Chronic
Heart	Myocardium Nos	Degeneration, Nos
Nasal cavity		Infection, Fungal
	Mucosa	Inflammation, Chronic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Testis		Interstitial-Cell Tumor

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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_037

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Pheochromocytoma

Heart

Medulla

Pheochromocytoma, Malignant

Liver

Myocardium Nos

Degeneration, Nos

Atrium

Mineralization

Testis

Bile Duct

Cytoplasmic Change, Basophilic

Degeneration, Ballooning

Hyperplasia, Nos

Interstitial-Cell Tumor

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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_038

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Eye	Nasolacrimal Duct	Inflammation, Chronic
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Pancreas	Acinus	Atrophy, Focal
Preputial gland		Adenoma, Nos
		Retention Of Content
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_039

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Pheochromocytoma

Heart

Atrium

Metaplasia, Osseous

Liver

Cytoplasmic Change, Basophilic

Bile Duct

Hyperplasia, Nos

Nasal cavity

Mucosa

Inflammation, Chronic

Preputial gland

Inflammation, Granulomatous

Spleen

Hemosiderosis

Testis

Interstitial-Cell Tumor

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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_040

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Pancreas	Acinus	Atrophy, Focal
Spinal cord		Demyelination
Testis		Interstitial-Cell Tumor
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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_041

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Liver

Cortex Nos

Focal Cellular Change
Angiectasis
Cytoplasmic Change, Basophilic
Focal Cellular Change

Bile Duct

Preputial gland
Skin
Spleen
Testis

Hyperplasia, Nos
Adenoma, Nos
Inflammation, Active Chronic
Congestion, Nos
Interstitial-Cell Tumor

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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_042

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Capsule

Ectopia

Cortex Nos

Hyperplasia, Focal

Medulla

Hyperplasia, Focal

Medulla

Pheochromocytoma, Malignant

Eye

Nasolacrimal Duct

Inflammation, Chronic

Heart

Atrium

Thrombus, Organized

Liver

Clear-Cell Change

Cytoplasmic Change, Basophilic

Bile Duct

Hyperplasia, Nos

Preputial gland

Carcinoma, Nos

Skin

Lower Leg

Cyst, Epidermal Inclusion

Testis

Interstitial-Cell Tumor

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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_043

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Cortex Nos Medulla	Hyperplasia, Focal Necrosis, Focal Pheochromocytoma
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Degeneration, Ballooning Hyperplasia, Nos Metamorphosis, Fatty
Pancreas		Inflammation, Chronic Focal
Pituitary gland	Anterior Pituitary	Carcinoma, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Mineralization 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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_044

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Medulla

Mineralization

Liver

Bile Duct

Nephropathy

Pancreas

Hyperplasia, Nos

Preputial gland

Inflammation, Chronic Focal

Testis

Hyperplasia, Epithelial

Unspecified

Hyperplasia, Interstitial Cell

Interstitial-Cell Tumor

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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_045

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Liver

Medulla

Pheochromocytoma
Nephropathy
Degeneration, Ballooning

Nasal cavity
Pituitary gland
Prostate
Testis

Bile Duct

Mucosa

Posterior Lobe

Hyperplasia, Nos
Inflammation, Active Chronic
Cyst, Nos
Hyperplasia, Epithelial
Hyperplasia, Interstitial Cell
Interstitial-Cell Tumor

Thymus
Unspecified

Thorax

Cyst, Nos
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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_046

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Capsule

Ectopia

Brain

Glioma, Nos

Heart

Degeneration, Nos

Pancreas

Myocardium Nos

Atrophy, Focal

Preputial gland

Acinus

Inflammation, Granulomatous

Spleen

Leukemia, Mononuclear Cell

Testis

Interstitial-Cell Tumor

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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_047

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Pheochromocytoma

Eye

Nasolacrimal Duct

Inflammation, Chronic

Heart

Atrium

Dilatation, Nos

Liver

Cytoplasmic Change, Basophilic

Bile Duct

Hyperplasia, Nos

Nasal cavity

Mucosa

Congestion, Acute

Pancreas

Acinus

Atrophy, Focal

Preputial gland

Carcinoma, Nos

Testis

Inflammation, Chronic

Interstitial-Cell Tumor

Thyroid

Mineralization

Follicular-Cell Carcinoma

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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_048

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
	Medulla	Pheochromocytoma
Eye	Nasolacrimal Duct	Inflammation, Chronic
Heart	Myocardium Nos	Degeneration, Nos
	Epicardium	Hemosiderosis
	Atrium	Mineralization
Intestine Small	Jejunum	Cyst, Nos
Liver		Angiectasis
	Bile Duct	Hyperplasia, Nos
		Scar
Pancreas	Acinus	Cytoplasmic Change, Basophilic
Testis		Interstitial-Cell Tumor
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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_049

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Capsule

Ectopia

Eye

Nasolacrimal Duct

Inflammation, Chronic

Heart

Myocardium Nos

Degeneration, Nos

Endocardium Nos

Fibrosis, Focal

Liver

Clear-Cell Change

Cytoplasmic Change, Basophilic

Hyperplasia, Focal

Pancreas

Acinus

Atrophy, Focal

Testis

Atrophy, Nos

Hyperplasia, Interstitial Cell

Interstitial-Cell Tumor

Tunica Vaginalis

Mesothelioma, 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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_050

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
	Medulla	Pheochromocytoma, Malignant
Heart	Myocardium Nos	Degeneration, Nos
	Atrium	Mineralization
Liver		Cytoplasmic Change, Basophilic
		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Nasal cavity	Mucosa	Inflammation, Active Chronic
Pancreas	Acinus	Atrophy, Focal
Preputial gland		Carcinoma, Nos
		Inflammation, Active Chronic
Testis		Interstitial-Cell Tumor
Unspecified	Back	Fibrosarcoma

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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_101

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Eye	Crystalline Lens Retina	Cataract Degeneration, Nos Hemorrhage
Heart	Nasolacrimal Duct	Inflammation, Chronic
Kidney	Myocardium Nos	Degeneration, Nos
Prostate		Nephropathy
Stomach		Inflammation, Chronic
Testis	Glandular Stomach	Sclerosis Hyperplasia, Interstitial Cell Interstitial-Cell Tumor
Thyroid		Mineralization
Unspecified	Multiple Organs Nos	Hyperplasia, C Cell 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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_102

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Bone marrow		Hyperplasia, Hematopoietic
Eye	Nasolacrimal Duct	Hyperplasia, Epithelial
	Nasolacrimal Duct	Inflammation, Active Chronic
	Nasolacrimal Duct	Retention Of Content
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Hepatocellular Carcinoma
	Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Acute/Chronic
Lymph node	Mediastinal Lymph Node	Hyperplasia, Nos
Nasal cavity	Mucosa	Inflammation, Active Chronic
Pancreas	Acinus	Atrophy, Focal
	Acinus	Cytoplasmic Vacuolization
Preputial gland		Inflammation, Granulomatous
Prostate		Inflammation, Active Chronic
Spleen		Necrosis, Focal
Stomach	Glandular Stomach	Cyst, Nos
Testis		Interstitial-Cell Tumor
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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_103

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Harderian gland	Harderian Gland	Inflammation, Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Tubule	Degeneration, Nos
		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
	Portal Tract	Inflammation, Chronic
Lung		Perivascular Cuffing
Nasal cavity	Mucosa	Inflammation, Chronic
Preputial gland		Inflammation, Chronic
Stomach	Glandular Stomach	Cyst, Nos
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_104

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Hematopoietic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Nasal cavity	Mucosa	Inflammation, Active Chronic
Preputial gland		Inflammation, Granulomatous
Prostate		Inflammation, Active Chronic
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Active Chronic
	Glandular Stomach	Sclerosis
	Forestomach	Ulcer, Nos
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_105

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla Medulla	Degeneration, Lipoid Hyperplasia, Focal Pheochromocytoma
Eye	Nasolacrimal Duct	Foreign Material, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos Necrosis, Focal
Lymph node		Hemorrhage
Pancreas	Acinus Islets	Atrophy, Focal Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Cyst, Nos
Stomach	Glandular Stomach	Cyst, Nos
Testis		Interstitial-Cell Tumor
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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_106

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Bone marrow		Hyperplasia, Hematopoietic
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Pelvis	Mineralization
		Nephropathy
Liver		Degeneration, Ballooning
		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Pancreas		Inflammation, Chronic Diffuse
Preputial gland		Inflammation, Granulomatous
Stomach	Glandular Stomach	Cyst, Nos
Testis		Interstitial-Cell Tumor
		Mineralization
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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_107

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Eye	Nasolacrimal Duct	Inflammation, Chronic
Heart	Myocardium Nos	Degeneration, Nos
	Atrium	Inflammation, Chronic
	Atrium	Thrombus, Organized
	Ventricle	Thrombus, Organized
Kidney		Nephropathy
		Tubular-Cell Adenoma
Liver		Focal Cellular Change
		Hyperplasia, Focal
	Bile Duct	Hyperplasia, Nos
Nasal cavity	Mucosa	Inflammation, Active Chronic
Pituitary gland	Anterior Pituitary	Focal Cellular Change
Preputial gland		Inflammation, Granulomatous
Salivary gland		Atrophy, Focal
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type

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: 13:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_108

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule Medulla	Degeneration, Lipoid Ectopia Pheochromocytoma
Heart	Myocardium Nos Atrium	Degeneration, Nos Mineralization
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic Focal Cellular Change Granuloma, Nos
Pancreas	Bile Duct	Hyperplasia, Nos
Preputial gland	Islets	Hyperplasia, Focal
Testis		Inflammation, Granulomatous
Thyroid		Interstitial-Cell Tumor 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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_109

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Hyperplasia, Focal Hyperplasia, Focal
Bone marrow		Hyperplasia, Hematopoietic
Eye	Nasolacrimal Duct	Inflammation, Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Tubule	Abscess, Chronic Nephropathy
Liver		Cytoplasmic Change, Basophilic Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Preputial gland		Inflammation, Granulomatous
Testis		Interstitial-Cell Tumor
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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_110

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Eye	Nasolacrimal Duct	Inflammation, Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Focal Cellular Change
		Hyperplasia, Nos
		Neoplastic Nodule
Mammary gland		Hyperplasia, Epithelial
Nasal cavity	Mucosa	Inflammation, Active Chronic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Inflammation, Granulomatous
Salivary gland		Hyperplasia, Stromal
Stomach	Glandular Stomach	Cyst, Nos
Testis		Interstitial-Cell Tumor
		Mineralization
Thyroid		Hyperplasia, C Cell
Unspecified		Calcinosis, Nos
		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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_111

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Degeneration, Lipoid Pheochromocytoma
Brain		Deformity, Nos
Heart	Epicardium	Mesothelioma, Nos
Kidney		Nephropathy
Lung		Inflammation, With Fibrosis
Nasal cavity	Pleura Nos Mucosa	Mesothelioma, Nos Dilatation, Ducts
Pancreas	Mucosa Acinus	Inflammation, Chronic Atrophy, Focal
Pituitary gland	Anterior Pituitary Anterior Pituitary	Inflammation, Chronic Focal Adenoma, Nos Cyst, Nos
Preputial gland		Inflammation, Granulomatous Papilloma, Nos
Prostate		Hyperplasia, Epithelial Inflammation, Suppurative
Stomach	Glandular Stomach	Cyst, Nos
Testis		Atrophy, Nos Hyperplasia, Interstitial Cell
Thyroid	Tunica Vaginalis	Inflammation, Active Chronic C-Cell Adenoma 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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_112

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Pheochromocytoma

Medulla

Pheochromocytoma, Malignant

Bone marrow

Hyperplasia, Hematopoietic

Eye

Nasolacrimal Duct

Inflammation, Chronic

Kidney

Nephropathy

Liver

Bile Duct

Hyperplasia, Nos

Nasal cavity

Foreign Material, Nos

Infection, Fungal

Testis

Mucosa

Inflammation, Active Chronic

Hyperplasia, Interstitial Cell

Interstitial-Cell Tumor

Mineralization

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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_113

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cortical Adenoma

Kidney

Degeneration, Lipoid

Liver

Bile Duct

Nephropathy

Pancreas

Acinus

Hyperplasia, Nos

Stomach

Glandular Stomach

Metamorphosis, Fatty

Testis

Scrotum Nos

Atrophy, Focal

Unspecified

Multiple Organs Nos

Cyst, Nos

Hemorrhage

Interstitial-Cell Tumor

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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_114

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Heart	Pericardium Nos	Hyperplasia, Mesothelial
Intestine Small	Jejunum	Granulation Tissue
	Jejunum	Inflammation, Necrotizing
	Jejunum	Neurilemoma, Malignant
	Jejunum	Ulcer, Perforated
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
Pancreas		Inflammation, Chronic Focal
Pituitary gland	Anterior Pituitary	Cyst, Nos
Preputial gland		Inflammation, Chronic
Testis		Hyperplasia, Interstitial Cell
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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_115

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Hyperplasia, Mesothelial
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Intermedia	Hyperplasia, Nos
Seminal vesicle		Hyperplasia, Epithelial
Testis		Inflammation, Chronic
Unspecified	Multiple Organs Nos	Interstitial-Cell Tumor
		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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_116

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla Medulla	Hyperplasia, Focal Pheochromocytoma Pheochromocytoma, Malignant
Bone marrow		Hyperplasia, Hematopoietic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Hemorrhage
Mammary gland		Hyperplasia, Epithelial
Pancreas	Acinus	Atrophy, Focal
Preputial gland		Inflammation, Granulomatous
Testis		Interstitial-Cell Tumor
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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_117

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Nasal cavity	Mucosa	Congestion, Acute
Preputial gland		Inflammation, Active Chronic
Salivary gland		Hyperplasia, Stromal
Testis		Interstitial-Cell Tumor
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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_118

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Bone marrow		Hyperplasia, Hematopoietic
Heart	Pericardium Nos	Mesothelioma, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Focal
Lung	Pleura Nos	Mesothelioma, Nos
Prostate		Inflammation, Active Chronic
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_119

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
	Cortex Nos	Hyperplasia, Focal
Blood vessel	Coronary Artery Nos	Inflammation, Acute/Chronic
	Coronary Artery Nos	Necrosis, Fibrinoid
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Clear-Cell Change
		Cytoplasmic Change, Basophilic
Nasal cavity	Mucosa	Retention Of Content
Pancreas	Acinus	Atrophy, Focal
Preputial gland		Inflammation, Chronic
Testis		Interstitial-Cell Tumor
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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_120

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Pheochromocytoma

Eye

Nasolacrimal Duct

Inflammation, Active Chronic

Heart

Myocardium Nos

Degeneration, Nos

Liver

Cytoplasmic Change, Basophilic

Deformity, Nos

Lung

Inflammation, Chronic Focal

Nasal cavity

Mucosa

Inflammation, Active Chronic

Pituitary gland

Anterior Pituitary

Focal Cellular Change

Testis

Interstitial-Cell Tumor

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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_121

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
	Medulla	Nuclear Enlargement
Bone marrow		Hyperplasia, Hematopoietic
Brain		Glioma, Nos
		Mineralization
Heart	Myocardium Nos	Degeneration, Nos
	Cardiac Valve	Endocardiosis
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Preputial gland		Inflammation, Granulomatous
Stomach	Glandular Stomach	Cyst, Nos
Testis		Interstitial-Cell Tumor
		Mineralization
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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_122

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Eye	Nasolacrimal Duct	Inflammation, Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Epithelial
Nasal cavity	Mucosa	Hyperplasia, Epithelial
	Mucosa	Inflammation, Active Chronic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Prostate		Inflammation, Active Chronic
Stomach	Glandular Stomach	Cyst, Nos
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thymus		Hyperplasia, Epithelial
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: 13:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_123

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Eye	Nasolacrimal Duct	Inflammation, Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic Granuloma, Nos
	Bile Duct	Hyperplasia, Nos
Nasal cavity		Foreign Material, Nos
	Mucosa	Inflammation, Active Chronic
Preputial gland		Inflammation, Granulomatous
Prostate		Inflammation, Active Chronic
Stomach	Glandular Stomach	Cyst, Nos
Testis		Interstitial-Cell Tumor
		Mineralization
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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_124

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Eye	Nasolacrimal Duct	Inflammation, Active Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Focal
Mammary gland		Hyperplasia, Epithelial
Pancreas		Periarteritis
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_125

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Eye	Nasolacrimal Duct	Inflammation, Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Deformity, Nos
		Focal Cellular Change
		Granuloma, Nos
		Hematopoiesis
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Lymph node		Hemorrhage
Mammary gland		Hyperplasia, Epithelial
Nasal cavity	Mucosa	Inflammation, Chronic
Preputial gland		Hyperplasia, Epithelial
		Inflammation, Granulomatous
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor

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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_126

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Eye	Nasolacrimal Duct	Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Interstitial
Pancreas	Acinus	Atrophy, Focal
	Islets	Hyperplasia, Focal
Preputial gland		Inflammation, Granulomatous
Stomach	Glandular Stomach	Cyst, Nos
Testis		Interstitial-Cell Tumor
		Mineralization
Thyroid	Follicle	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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_127

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Capsule

Ectopia

Cortex Nos

Hyperplasia, Focal

Medulla

Pheochromocytoma, Malignant

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Nephropathy

Liver

Clear-Cell Change

Preputial gland

Cytoplasmic Change, Basophilic

Testis

Inflammation, Granulomatous

Thyroid

Interstitial-Cell Tumor

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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_128

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Granulocytic
Eye	Nasolacrimal Duct	Inflammation, Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Pelvis	Hyperplasia, Epithelial Nephropathy Pyelonephritis, Acute
Liver		Angiectasis Cytoplasmic Change, Basophilic Cytoplasmic Change, Eosinophilic Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Lung		Fibrous Histiocytoma, Metastatic
Lymph node	Mandibular Lymph Node	Fibrous Histiocytoma, Metastatic
Preputial gland		Retention Of Content
Prostate		Inflammation, Active Chronic
Spleen		Hyperplasia, Granulocytic
Testis		Hyperplasia, Interstitial Cell Interstitial-Cell Tumor
Thymus		Hyperplasia, Epithelial
Thyroid		Cyst, Nos
Unspecified		Hyperplasia, C Cell
Zymbal gland		Fibrous Histiocytoma, Malignant Carcinoma, 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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_129

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla Medulla	Hematopoiesis Hyperplasia, Focal Pheochromocytoma, Malignant Nephropathy
Kidney		Cytoplasmic Change, Basophilic Neoplastic Nodule
Liver		Inflammation, Active Chronic
Nasal cavity	Mucosa	Atrophy, Focal
Pancreas	Acinus	Fibrosis, Focal
Spleen		Interstitial-Cell Tumor
Testis		Hyperplasia, Epithelial
Thymus		Leukemia, Mononuclear Cell
Unspecified	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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_130

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Angiectasis

Heart

Medulla

Pheochromocytoma

Kidney

Myocardium Nos

Degeneration, Nos

Liver

Nephropathy

Lymph node

Tubular-Cell Adenocarcinoma

Pancreas

Mandibular Lymph Node

Cytoplasmic Change, Basophilic

Salivary gland

Acinus

Hyperplasia, Lymphoid

Testis

Atrophy, Focal

Zymbal gland

Atrophy, Focal

Interstitial-Cell Tumor

Papillary Adenoma

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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_131

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Eye	Nasolacrimal Duct	Inflammation, Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
Nasal cavity	Mucosa	Inflammation, Chronic
Pancreas	Acinus	Atrophy, Focal
	Acinus	Cytoplasmic Change, Nos
Preputial gland		Inflammation, Granulomatous
Stomach	Glandular Stomach	Cyst, Nos
Testis		Interstitial-Cell Tumor

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: 13:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_132

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Cortex Nos Medulla	Degeneration, Lipoid Hyperplasia, Focal Hyperplasia, Focal
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
Nasal cavity	Mucosa	Inflammation, Chronic
Pituitary gland	Anterior Pituitary	Carcinoma, Nos
Prostate		Inflammation, Active Chronic
Skin		Papilloma, Nos
Testis		Interstitial-Cell Tumor
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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_133

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Endocardium Nos	Inflammation, Acute/Chronic
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic Degeneration, Ballooning
	Bile Duct	Hyperplasia, Nos Neoplastic Nodule
Lung		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hemorrhage
Nasal cavity	Mucosa	Inflammation, Chronic
Preputial gland		Inflammation, Granulomatous
Prostate		Inflammation, Chronic
Salivary gland	Parotid Gland Nos	Focal Cellular Change
Testis		Interstitial-Cell Tumor Mineralization
Thyroid		C-Cell Adenoma Hyperplasia, C Cell
Unspecified		Hamartoma
	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: 13:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_134

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule Medulla	Degeneration, Lipoid Ectopia Hyperplasia, Focal
Bone marrow		Metaplasia, Osseous
Eye	Nasolacrimal Duct	Inflammation, Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Interstitial
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Focal Cellular Change
Preputial gland		Inflammation, Granulomatous
Spleen		Fibrosis, Focal
Testis		Hyperplasia, Interstitial Cell Interstitial-Cell Tumor

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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_135

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Eye
Heart
Kidney
Liver

Cortex Nos
Nasolacrimal Duct
Myocardium Nos

Angiectasis
Inflammation, Chronic
Degeneration, Nos
Nephropathy
Cytoplasmic Change, Basophilic
Focal Cellular Change
Dilatation, Ducts
Atrophy, Focal
Inflammation, Granulomatous
Interstitial-Cell Tumor

Nasal cavity
Pancreas
Preputial gland
Testis

Mucosa
Acinus

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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_136

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Bone marrow		Hyperplasia, Hematopoietic
Heart	Myocardium Nos	Degeneration, Nos
	Endocardium Nos	Fibrosis, Focal
Kidney	Medulla	Mineralization
		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Lymph node	Mediastinal Lymph Node	Hemosiderosis
Preputial gland		Inflammation, Granulomatous
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
Unspecified	Multiple Organs Nos	Mesothelioma, 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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_137

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Focal

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Nasal cavity

Mucosa

Inflammation, Chronic

Pancreas

Acinus

Atrophy, Focal

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Testis

Anterior Pituitary

Angiectasis

Unspecified

Interstitial-Cell Tumor

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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_138

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain		Hemorrhage
Eye	Crystalline Lens	Cataract
	Retina	Degeneration, Nos
	Nasolacrimal Duct	Inflammation, Chronic
	Cornea	Vascularization
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Glandular Stomach	Hyperplasia, Epithelial
Testis		Interstitial-Cell Tumor
		Mineralization
Unspecified		Abscess, Nos
	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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_139

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
	Cortex Nos	Hyperplasia, Focal
Eye	Crystalline Lens	Cataract
	Retina	Degeneration, Nos
	Nasolacrimal Duct	Inflammation, Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
Mammary gland		Fibroadenoma
Nasal cavity	Mucosa	Inflammation, Acute
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Inflammation, Granulomatous
Stomach	Glandular Stomach	Cyst, Nos
Testis		Interstitial-Cell Tumor
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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_140

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Eye	Nasolacrimal Duct	Inflammation, Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Tubule	Degeneration, Nos
		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Histiocytosis
Nasal cavity	Mucosa	Inflammation, Active Chronic
Pituitary gland	Intermedia	Adenoma, Nos
Preputial gland		Inflammation, Granulomatous
Prostate		Inflammation, Active Chronic
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tunica Vaginalis	Mesothelioma, Nos
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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_141

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain		Hemorrhage
Heart	Myocardium Nos	Degeneration, Nos
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Prostate		Inflammation, Suppurative
Thymus		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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_142

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
	Medulla	Pheochromocytoma, Malignant
Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Ileum	Ectopia
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Focal Cellular Change
Mammary gland		Dilatation, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Intermedia	Hyperplasia, Nos
Prostate		Inflammation, Active Chronic
Salivary gland		Focal Cellular Change
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Dilatation, Nos
Testis		Interstitial-Cell Tumor
		Mineralization
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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_143

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Blood vessel		Inflammation, Active Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Cortex	Cyst, Nos
		Nephropathy
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Lymph node	Mandibular Lymph Node	Cyst, Nos
Mammary gland		Dilatation, Nos
		Hyperplasia, Epithelial
Nasal cavity	Mucosa	Inflammation, Active Chronic
Pancreas	Islets	Hyperplasia, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Inflammation, Granulomatous
Prostate		Mucocele
Stomach	Glandular Stomach	Cyst, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
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: 13:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_144

TRT#: 3
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Hematopoietic
Eye	Nasolacrimal Duct	Inflammation, Chronic
Liver		Cytoplasmic Change, Basophilic
	Centrilobular	Cytoplasmic Vacuolization
Mammary gland		Hyperplasia, Epithelial
Preputial gland		Carcinoma, Nos
		Inflammation, Granulomatous
		Retention Of Content
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor

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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_145

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel	Pulmonary Artery Nos	Inflammation, Chronic Focal
Brain		Astrocytoma
Eye	Nasolacrimal Duct	Inflammation, Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Focal Cellular Change
		Granuloma, Nos
	Bile Duct	Hyperplasia, Nos
		Congestion, Nos
Lung		Hyperplasia, Epithelial
Mammary gland		Inflammation, Chronic Focal
Pancreas		Inflammation, Active Chronic
Prostate		Atrophy, Focal
Salivary gland	Parotid Gland Nos	Hemosiderosis
Spleen		Interstitial-Cell Tumor
Testis		Inflammation, Chronic
Trachea		

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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_146

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Mammary gland

Pancreas

Pituitary gland

Preputial gland

Stomach

Testis

Medulla

Myocardium Nos

Atrium

Endocardium Nos

Atrium

Atrium

Pleura Nos

Anterior Pituitary

Glandular Stomach

Cortical Adenoma

Pheochromocytoma

Degeneration, Nos

Dilatation, Nos

Fibrosis, Focal

Inflammation, Chronic

Mineralization

Nephropathy

Cytoplasmic Change, Basophilic

Hemosiderosis

Histiocytosis

Inflammation, Chronic Focal

Inflammation, Interstitial

Hyperplasia, Epithelial

Inflammation, Chronic Diffuse

Focal Cellular Change

Inflammation, Granulomatous

Dilatation, Nos

Interstitial-Cell Tumor

Mineralization

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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_147

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule Medulla Medulla	Degeneration, Lipoid Ectopia Hyperplasia, Focal Pheochromocytoma
Bone marrow		Hyperplasia, Hematopoietic
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Tubule	Nephropathy Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic Focal Cellular Change
Lymph node	Bile Duct Mandibular Lymph Node	Hyperplasia, Nos Hyperplasia, Plasma Cell Hyperplasia, Plasma Cell
Mammary gland		Hyperplasia, Epithelial
Nasal cavity	Mucosa	Inflammation, Chronic
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Focal Cellular Change
Preputial gland		Inflammation, Granulomatous Retention Of Content
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Dilatation, Nos
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos Multiple Organs Nos	Leukemia, Mononuclear Cell Mesothelioma, 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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_148

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Bone	Femur	Metaplasia, Osseous
Brain		Deformity, Nos
		Hydrocephalus, Internal
Eye	Nasolacrimal Duct	Inflammation, Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Granuloma, Nos
		Metamorphosis, Fatty
Lymph node	Mesenteric Lymph Node	Hemosiderosis
Mammary gland		Dilatation, Nos
Nasal cavity	Mucosa	Inflammation, Chronic
Pancreas		Inflammation, Chronic Focal
Pituitary gland	Anterior Pituitary	Carcinoma, Nos
Spleen		Hemosiderosis
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_149

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Capsule

Ectopia

Eye

Cortex Nos

Hyperplasia, Focal

Heart

Nasolacrimal Duct

Inflammation, Chronic

Kidney

Myocardium Nos

Degeneration, Nos

Liver

Nephropathy

Nasal cavity

Mucosa

Neoplastic Nodule

Pancreas

Acinus

Retention Of Content

Pituitary gland

Anterior Pituitary

Atrophy, Focal

Preputial gland

Focal Cellular Change

Testis

Inflammation, Granulomatous

Thyroid

Interstitial-Cell Tumor

Unspecified

Hyperplasia, C Cell

Multiple Organs Nos

Fibroma

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: 13:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_150

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Focal Cellular Change

Heart

Medulla

Hyperplasia, Focal

Kidney

Myocardium Nos

Degeneration, Nos

Preputial gland

Nephropathy

Testis

Inflammation, Granulomatous

Unspecified

Multiple Organs Nos

Interstitial-Cell Tumor

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****