

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

C Number: C55298

Cage Range: All

Date Range: All

Reasons For Removal: All

Removal Date Range: All

Treatment Groups: All

Study Gender: Male

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_001

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Small
Kidney

Medulla
Myocardium Nos
Mesentery Nos

Hyperplasia, Nos
Degeneration, Nos
Perivasculitis
Fibrosis, Diffuse
Inflammation, Nos
Nephropathy
Focal Cellular Change
Hyperplasia, Nos
Hematopoiesis
Atrophy, Nos
Interstitial-Cell Tumor

Liver

Bile Duct

Spleen
Testis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_002

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Fibrosis, Diffuse
		Inflammation, Nos
		Nephropathy
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Lymph node		Angiectasis
Prostate		Hyperplasia, Focal
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_003

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain		Astrocytoma
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Pituitary gland		Adenoma, Nos
Prostate		Inflammation, Nos
Stomach		Inflammation, Nos
		Necrosis, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_004

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney

Medulla
Myocardium Nos

Hyperplasia, Nos
Degeneration, Nos
Fibrosis, Diffuse
Inflammation, Nos
Nephropathy

Liver
Pituitary gland

Bile Duct

Focal Cellular Change
Hyperplasia, Nos
Adenoma, Nos
Angiectasis
Hyperplasia, Epithelial
Hematopoiesis
Interstitial-Cell Tumor
Acanthosis

Prostate
Spleen
Testis
Tooth

Gum Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_005

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Fibrosis, Diffuse
		Inflammation, Nos
		Nephropathy
Liver	Bile Duct	Focal Cellular Change
		Hyperplasia, Nos
		Metamorphosis, Fatty
		Hematopoiesis
Spleen		Atrophy, Nos
Testis		Interstitial-Cell Tumor
Unspecified		Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_006

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Peyers Patch	Hyperplasia, Lymphoid
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Alveolar/Bronchiolar Adenoma
Pancreas		Perivascularitis
Prostate		Inflammation, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_007

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Degeneration, Nos
		Metamorphosis, Fatty
		Necrosis, Focal
Lung		Inflammation, Nos
Spleen		Hematopoiesis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_008

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Angiectasis

Hyperplasia, Nos

Mineralization

Pheochromocytoma

Blood vessel

Sup.Panc-Duod.Artery

Perivasculitis

Sup.Panc-Duod.Artery

Thrombosis, Nos

Heart

Myocardium Nos

Degeneration, Nos

Intestine Small

Peyers Patch

Hyperplasia, Lymphoid

Kidney

Fibrosis, Diffuse

Inflammation, Nos

Nephropathy

Liver

Bile Duct

Focal Cellular Change

Hyperplasia, Nos

Lung

Inflammation, Focal

Mammary gland

Fibroadenoma

Spleen

Hematopoiesis

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_009

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Nos

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Nephropathy

Spleen

Hematopoiesis

Testis

Hyperplasia, Interstitial Cell

Thyroid

Hyperplasia, C Cell

Unspecified

Multiple Organs Nos

Lymphoma, Histiocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_010

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Fibrosis, Diffuse
		Inflammation, Nos
		Nephropathy
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Pancreas		Perivasculitis
Preputial gland		Inflammation, Suppurative
Spleen		Hematopoiesis
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_011

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Metamorphosis, Fatty

Heart

Myocardium Nos

Pheochromocytoma

Kidney

Degeneration, Nos

Fibrosis, Diffuse

Inflammation, Nos

Nephropathy

Liver

Focal Cellular Change

Bile Duct

Hyperplasia, Nos

Mammary gland

Fibroadenoma

Pituitary gland

Angiectasis

Preputial gland

Carcinoma, Nos

Inflammation, Nos

Necrosis, Nos

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_012

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Fibrosis, Diffuse
		Inflammation, Nos
		Nephropathy
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Lung		Alveolar/Bronchiolar Adenoma
Pituitary gland		Hyperplasia, Focal
Prostate		Hyperplasia, Epithelial
Spleen		Hematopoiesis
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_013

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Focal Cellular Change
		Metamorphosis, Fatty
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_014

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Fibrosis, Diffuse
		Inflammation, Nos
		Nephropathy
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Prostate		Hyperplasia, Epithelial
Spleen		Hematopoiesis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_015

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Myocardium Nos

Pheochromocytoma

Degeneration, Nos

Fibrosis, Diffuse

Inflammation, Nos

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Bile Duct

Hyperplasia, Nos

Testis

Atrophy, Nos

Unspecified

Multiple Organs Nos

Interstitial-Cell Tumor

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_016

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Metamorphosis, Fatty
Lymph node		Hyperplasia, Lymphoid
Pituitary gland		Adenoma, Nos
		Angiectasis
Prostate		Inflammation, Nos
Spleen		Hematopoiesis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_017

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Fibrosis, Diffuse
		Inflammation, Nos
		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Pituitary gland		Adenoma, Nos
		Angiectasis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_018

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Small
Kidney

Medulla
Myocardium Nos
Peyers Patch

Hyperplasia, Nos
Degeneration, Nos
Hyperplasia, Lymphoid
Fibrosis, Diffuse
Inflammation, Nos
Nephropathy

Liver
Angiectasis
Focal Cellular Change
Necrosis, Focal
Neoplastic Nodule

Pancreas
Pituitary gland
Prostate

Acinus
Hyperplasia, Nos
Adenoma, Nos
Hyperplasia, Epithelial
Inflammation, Nos

Spleen
Testis
Thyroid

Hematopoiesis
Interstitial-Cell Tumor
C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_019

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Fibrosis, Diffuse
		Inflammation, Nos
		Nephropathy
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Prostate		Inflammation, Acute/Chronic
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_020

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Fibrosis, Diffuse
		Inflammation, Nos
		Nephropathy
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Prostate		Inflammation, Nos
Spleen		Hematopoiesis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_021

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Lung		Alveolar/Bronchiolar Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_022

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Nos

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Inflammation, Focal

Fibrosis, Diffuse

Inflammation, Nos

Pancreas

Acinus

Nephropathy

Hyperplasia, Nos

Perivasculitis

Pituitary gland

Adenoma, Nos

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_023

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Small
Kidney

Medulla
Myocardium Nos
Peyers Patch

Hyperplasia, Nos
Degeneration, Nos
Hyperplasia, Lymphoid
Fibrosis, Diffuse
Inflammation, Nos
Nephropathy
Focal Cellular Change
Hyperplasia, Nos
Hematopoiesis
Atrophy, Nos
Interstitial-Cell Tumor
C-Cell Carcinoma

Liver

Bile Duct

Spleen
Testis

Thyroid

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_024

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Fibrosis, Diffuse
		Inflammation, Nos
		Nephropathy
Liver		Focal Cellular Change
		Metamorphosis, Fatty
Lung		Inflammation, Focal
Prostate		Inflammation, Nos
Spleen		Hematopoiesis
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_025

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart

Myocardium Nos

Degeneration, Nos

Thrombosis, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_026

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Fibrosis, Diffuse
		Inflammation, Nos
		Nephropathy
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Lung		Mineralization
Pancreas	Islets	Islet-Cell Adenoma
Spleen		Hematopoiesis
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_027

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Small
Kidney

Medulla
Myocardium Nos
Peyers Patch

Liver

Bile Duct

Spleen
Testis

Hyperplasia, Nos
Degeneration, Nos
Hyperplasia, Lymphoid
Fibrosis, Diffuse
Inflammation, Nos
Nephropathy
Focal Cellular Change
Hyperplasia, Focal
Hematopoiesis
Atrophy, Nos
Hyperplasia, Interstitial Cell
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_028

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Pheochromocytoma
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Fibrosis, Diffuse
		Inflammation, Nos
		Nephropathy
Liver		Focal Cellular Change
		Metamorphosis, Fatty
Lung		Hyperplasia, Epithelial
		Mineralization
Mammary gland		Galactocele
Pancreas	Acinus	Hyperplasia, Focal
Pituitary gland		Adenoma, Nos
		Angiectasis
Prostate		Inflammation, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_029

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Nos

Kidney

Nephropathy

Liver

Bile Duct

Hyperplasia, Nos

Metamorphosis, Fatty

Prostate

Inflammation, Nos

Stomach

Hyperkeratosis

Hyperplasia, Epithelial

Testis

Atrophy, Nos

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_030

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart
Kidney

Myocardium Nos

Degeneration, Nos
Fibrosis, Diffuse
Inflammation, Nos
Nephropathy
Focal Cellular Change
Hematopoiesis
Interstitial-Cell Tumor

Liver
Spleen
Testis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_031

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Pancreas	Islets	Islet-Cell Carcinoma
Pituitary gland		Adenoma, Nos
Spleen		Hematopoiesis
Testis		Hyperplasia, Interstitial Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_032

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Fibrosis, Diffuse
		Inflammation, Nos
		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Pituitary gland		Hyperplasia, Nos
Stomach		Hyperkeratosis
Testis		Interstitial-Cell Tumor
Unspecified		Fibrosarcoma
	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_033

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Nos

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Fibrosis, Diffuse

Inflammation, Nos

Nephropathy

Liver

Focal Cellular Change

Lung

Hyperplasia, Epithelial

Spleen

Hematopoiesis

Testis

Atrophy, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_034

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Nos
Pheochromocytoma

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Fibrosis, Diffuse
Inflammation, Nos

Liver

Bile Duct

Nephropathy
Hyperplasia, Nos
Metamorphosis, Fatty

Testis

Interstitial-Cell Tumor

Thyroid

C-Cell Adenoma

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_035

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Myocardium Nos

Pheochromocytoma

Degeneration, Nos

Fibrosis, Diffuse

Inflammation, Nos

Nephropathy

Liver

Lung

Pancreas

Acinus

Acinus

Focal Cellular Change

Inflammation, Focal

Atrophy, Nos

Hyperplasia, Nos

Pituitary gland

Adenoma, Nos

Hyperplasia, Nos

Prostate

Inflammation, Nos

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_036

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Lung		Alveolar/Bronchiolar Carcinoma
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_037

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Degeneration, Nos
	Bile Duct	Hyperplasia, Nos
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Carcinoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_038

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain		Hemorrhage
		Inflammation, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Inflammation, Nos
		Nephropathy
Liver		Metamorphosis, Fatty
		Necrosis, Nos
		Sarcoma, Nos, Metastatic
Lung		Inflammation, Nos
		Sarcoma, Nos, Metastatic
Prostate		Inflammation, Nos
Testis		Interstitial-Cell Tumor
Unspecified		Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_039

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Intestine Small

Kidney

Liver

Lung

Skin

Stomach

Testis

Unspecified

Myocardium Nos

Peyers Patch

Bile Duct

Omentum Nos

Multiple Organs Nos

Pheochromocytoma

Degeneration, Nos

Hyperplasia, Lymphoid

Fibrosis, Diffuse

Inflammation, Nos

Nephropathy

Focal Cellular Change

Hyperplasia, Nos

Neoplastic Nodule

Alveolar Macrophages

Hyperplasia, Epithelial

Inflammation, Nos

Basal-Cell Carcinoma

Necrosis, Fat

Interstitial-Cell Tumor

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_040

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Liver

Testis

Bile Duct

Nephropathy

Hyperplasia, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_041

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Small
Kidney

Liver

Lung
Pituitary gland
Prostate
Spleen
Testis

Myocardium Nos
Peyers Patch

Bile Duct

Pheochromocytoma
Degeneration, Nos
Hyperplasia, Lymphoid
Inflammation, Nos
Nephropathy
Focal Cellular Change
Hyperplasia, Nos
Metamorphosis, Fatty
Inflammation, Focal
Hyperplasia, Nos
Inflammation, Nos
Hematopoiesis
Atrophy, Nos
Interstitial-Cell Tumor
Mineralization

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_042

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Ear

Kidney

Liver

Mammary gland

Skin

Spleen

Stomach

Testis

Unspecified

Zymbal gland

Multiple Organs Nos

Pheochromocytoma

Hyperkeratosis

Fibrosis

Nephropathy

Cytoplasmic Change, Basophilic

Neoplastic Nodule

Fibroadenoma

Hyperkeratosis

Keratoacanthoma

Hematopoiesis

Hyperkeratosis

Hyperplasia, Epithelial

Necrosis, Nos

Atrophy, Nos

Interstitial-Cell Tumor

Mineralization

Inflammation, Nos

Carcinoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_043

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos Metamorphosis, Fatty
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Fibrosis, Diffuse Inflammation, Nos Nephropathy
Liver		Focal Cellular Change
Lung		Alveolar Macrophages
	Bronchus	Inflammation, Focal Inflammation, Focal
Pituitary gland		Adenoma, Nos
Prostate		Inflammation, Nos
Skin	Ear	Acanthosis
	Ear	Hyperkeratosis
Spleen		Hematopoiesis Hemorrhage
Testis		Interstitial-Cell Tumor
Unspecified	Nose	Hyperkeratosis
	Nose	Hyperplasia, Basal Cell
	Nose	Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_044

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Hemorrhage

Heart

Pheochromocytoma

Intestine Small

Myocardium Nos

Degeneration, Nos

Kidney

Peyers Patch

Hyperplasia, Lymphoid

Liver

Nephropathy

Bile Duct

Focal Cellular Change

Lung

Hyperplasia, Nos

Prostate

Metamorphosis, Fatty

Inflammation, Nos

Skin

Hyperplasia, Nos

Inflammation, Nos

Hyperkeratosis

Testis

Keratoacanthoma

Atrophy, Nos

Unspecified

Interstitial-Cell Tumor

Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_045

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos Pheochromocytoma
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Fibrosis, Diffuse Inflammation, Nos Nephropathy
Liver		Focal Cellular Change
Lymph node	Bile Duct	Hyperplasia, Nos Hyperplasia, Lymphoid Plasmacytosis
Pituitary gland		Adenoma, Nos
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma Cyst, Follicular Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 8-Hydroxyquinoline
CAS Number: 148-24-3

Date Report Requested: 10/26/2014
Time Report Requested: 18:01:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_046

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos Pheochromocytoma
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Inflammation, Nos Nephropathy
Liver	Bile Duct	Focal Cellular Change
		Hyperplasia, Nos Metamorphosis, Fatty
Lung		C-Cell Carcinoma, Metastatic
Prostate		Inflammation, Nos
Spleen		Hematopoiesis
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Carcinoma
Unspecified		Fibroma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_047

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Mineralization
		Nephropathy
Mammary gland		Fibroadenoma
		Galactocele
Stomach		Hyperkeratosis
		Hyperplasia, Epithelial
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_048

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Lung		Inflammation, Nos
		Osteosarcoma, Metastatic
Prostate		Inflammation, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified		Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_049

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Colon	Parasitism
Intestine Small	Peyers Patch	Hyperplasia, Lymphoid
Kidney		Fibrosis, Diffuse
		Inflammation, Nos
Liver		Nephropathy
	Bile Duct	Focal Cellular Change
		Hyperplasia, Nos
Spleen		Metamorphosis, Fatty
Testis		Hematopoiesis
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_050

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Myocardium Nos

Pheochromocytoma

Degeneration, Nos

Fibrosis, Diffuse

Inflammation, Nos

Nephropathy

Liver

Focal Cellular Change

Metamorphosis, Fatty

Pancreas

Acinar-Cell Adenoma

Pituitary gland

Adenoma, Nos

Angiectasis

Spleen

Hematopoiesis

Testis

Atrophy, Nos

Interstitial-Cell Tumor

Unspecified

Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_001

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Fibrosis, Cholangio
		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Pancreas	Acinus	Atrophy, Nos
Prostate		Inflammation, Nos
Spleen		Angiectasis
		Lymphoma, Nos-Malignant
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
		Mineralization

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_002

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Small
Kidney

Medulla
Myocardium Nos
Peyers Patch

Hyperplasia, Nos
Degeneration, Nos
Hyperplasia, Lymphoid
Fibrosis, Diffuse
Inflammation, Nos
Nephropathy
Fibroadenoma
Hyperplasia, Epithelial
Atrophy, Nos
Interstitial-Cell Tumor

Mammary gland
Stomach
Testis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_003

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Fibrosis, Diffuse
		Inflammation, Nos
		Nephropathy
Liver		Hemangiosarcoma, Metastatic
		Inflammation, Nos
		Necrosis, Ischemic
		Necrosis, Nos
Lung		Hemangiosarcoma, Metastatic
		Hemorrhage
		Inflammation, Acute
Pancreas	Acinus	Atrophy, Nos
Prostate		Fibrosis, Diffuse
		Inflammation, Necrotizing
Spleen		Hemangiosarcoma
		Necrosis, Nos
		Thrombosis, Nos
Stomach		Hyperkeratosis
		Hyperplasia, Epithelial
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Hematopoiesis
Urinary bladder		Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_004

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney

Medulla
Myocardium Nos

Hyperplasia, Nos
Degeneration, Nos
Fibrosis, Diffuse
Inflammation, Nos
Nephropathy
Focal Cellular Change
Hyperplasia, Nos
Inflammation, Nos
Hematopoiesis
Atrophy, Nos
Interstitial-Cell Tumor
Mineralization

Liver

Bile Duct

Prostate

Spleen

Testis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_005

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Nos

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Fibrosis, Diffuse

Liver

Nephropathy

Fibrosis, Cholangio

Bile Duct

Focal Cellular Change

Hyperplasia, Nos

Pituitary gland

Metamorphosis, Fatty

Dilatation, Nos

Testis

Atrophy, Nos

Interstitial-Cell Tumor

Unspecified

Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_006

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Fibrosis, Diffuse
		Inflammation, Nos
		Nephropathy
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
		Neoplastic Nodule
Lung		Hyperplasia, Epithelial
Pituitary gland		Adenoma, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_007

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Myocardium Nos

Pheochromocytoma

Degeneration, Nos

Fibrosis, Diffuse

Inflammation, Nos

Nephropathy

Liver

Focal Cellular Change

Bile Duct

Hyperplasia, Nos

Metamorphosis, Fatty

Lung

Alveolar/Bronchiolar Adenoma

Hyperplasia, Epithelial

Spleen

Hematopoiesis

Testis

Atrophy, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_008

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney

Fibrosis, Diffuse

Inflammation, Nos

Liver

Nephropathy

Focal Cellular Change

Preputial gland

Bile Duct

Hyperplasia, Nos

Carcinoma, Nos

Spleen

Necrosis, Nos

Hematopoiesis

Stomach

Acanthosis

Hyperkeratosis

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 8-Hydroxyquinoline
CAS Number: 148-24-3

Date Report Requested: 10/26/2014
Time Report Requested: 18:01:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_009

TRT#: 2
DOSE: 1500 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Mineralization
		Nephropathy
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Lung		Carcinoma, Nos, Metastatic
		Hemorrhage
		Inflammation, Focal
Pituitary gland		Adenoma, Nos
Spleen		Hematopoiesis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
		Mineralization
Unspecified		Carcinoma, Nos
		Inflammation, Nos
		Necrosis, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_010

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Peyers Patch	Hyperplasia, Lymphoid
Kidney		Fibrosis, Diffuse
		Inflammation, Nos
		Nephropathy
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Pituitary gland		Adenoma, Nos
Spleen		Hematopoiesis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified		Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_011

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain		Carcinoma, Nos, Invasive
	Meninges	Inflammation, Acute
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Carcinoma, Nos, Metastatic
		Inflammation, Acute
	Bronchus	Inflammation, Nos
		Inflammation, Nos
Pancreas	Islets	Islet-Cell Adenoma
Pituitary gland		Adenoma, Nos
Spleen	Follicles	Atrophy, Nos
		Hematopoiesis
Testis		Hyperplasia, Interstitial Cell
Zymbal gland		Carcinoma, Nos
		Hyperkeratosis
		Inflammation, Nos
		Necrosis, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_012

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Fibrosis, Diffuse
		Inflammation, Nos
		Nephropathy
Liver		Fibrosis, Cholangio
		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Pancreas	Acinus	Atrophy, Nos
Pituitary gland		Adenoma, Nos
		Dilatation, Nos
Spleen	Follicles	Atrophy, Nos
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_013

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney

Medulla
Myocardium Nos

Hyperplasia, Nos
Degeneration, Nos
Fibrosis, Diffuse
Inflammation, Nos
Nephropathy
Hyperplasia, Nos
Interstitial-Cell Tumor
Leukemia, Mononuclear Cell

Liver
Testis
Unspecified

Bile Duct
Multiple Organs Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_014

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Metamorphosis, Fatty
Lung		Sarcoma, Nos, Uncertain Primary Or Meta
Lymph node	Mandibular Lymph Node	Sarcoma, Nos, Uncertain Primary Or Meta
Spleen		Hematopoiesis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_015

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Myocardium Nos

Pheochromocytoma

Degeneration, Nos

Fibrosis, Diffuse

Inflammation, Nos

Nephropathy

Liver

Lung

Hepatocytes

Bronchus

Bronchus

Bronchus

Degeneration, Nos

Alveolar Macrophages

Fibrosis, Diffuse

Inflammation, Nos

Preputial gland

Carcinoma, Nos

Hyperkeratosis

Inflammation, Nos

Testis

Necrosis, Nos

Atrophy, Nos

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_016

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney

Fibrosis, Diffuse

Inflammation, Nos

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Fibrosis, Cholangio

Bile Duct

Hyperplasia, Nos

Parathyroid gland

Hyperplasia, Nos

Skin

Hyperkeratosis

Testis

Interstitial-Cell Tumor

Thyroid

Hyperplasia, C Cell

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_017

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Myocardium Nos

Pheochromocytoma

Degeneration, Nos

Fibrosis, Diffuse

Inflammation, Nos

Nephropathy

Liver

Focal Cellular Change

Bile Duct

Hyperplasia, Nos

Pituitary gland

Hyperplasia, Nos

Testis

Atrophy, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_018

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Nos

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Fibrosis

Fibrosis, Diffuse

Inflammation, Nos

Liver

Bile Duct

Nephropathy

Mammary gland

Hyperplasia, Nos

Parathyroid gland

Galactocele

Pituitary gland

Adenoma, Nos

Adenoma, Nos

Testis

Dilatation, Nos

Atrophy, Nos

Unspecified

Multiple Organs Nos

Interstitial-Cell Tumor

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_019

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Stomach

Glandular Stomach

Adenocarcinoma, Nos

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_020

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Myocardium Nos

Pheochromocytoma

Degeneration, Nos

Fibrosis, Diffuse

Inflammation, Nos

Nephropathy

Liver

Focal Cellular Change

Bile Duct

Hyperplasia, Nos

Spleen

Hematopoiesis

Testis

Interstitial-Cell Tumor

Unspecified

Inflammation, Acute/Chronic

Inflammation, Granulomatous

Metaplasia, Osseous

Mineralization

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_021

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Peyers Patch	Hyperplasia, Lymphoid
Kidney		Fibrosis, Diffuse
		Inflammation, Nos
		Mineralization
Liver		Nephropathy
	Bile Duct	Focal Cellular Change
		Hyperplasia, Nos
Mammary gland		Metamorphosis, Fatty
Pituitary gland		Galactocele
		Adenoma, Nos
Skin		Dilatation, Nos
Spleen		Basal-Cell Carcinoma
Stomach	Omentum Nos	Hematopoiesis
Testis		Necrosis, Fat
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
		Necrosis, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_022

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Nos

Heart

Myocardium Nos

Degeneration, Nos

Intestine Small

Peyers Patch

Hyperplasia, Lymphoid

Kidney

Fibrosis, Diffuse

Inflammation, Nos

Liver

Nephropathy

Focal Cellular Change

Bile Duct

Hyperplasia, Nos

Spleen

Hematopoiesis

Testis

Atrophy, Nos

Interstitial-Cell Tumor

Mineralization

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_023

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney

Medulla
Myocardium Nos

Hyperplasia, Nos
Degeneration, Nos
Fibrosis, Diffuse
Inflammation, Nos
Nephropathy
Focal Cellular Change
Hyperplasia, Nos
Acanthosis
Hyperkeratosis
Hematopoiesis
Interstitial-Cell Tumor

Liver

Bile Duct

Skin

Spleen
Testis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_024

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos Fibrosis
Kidney		Fibrosis, Diffuse Inflammation, Nos Nephropathy
Liver		Degeneration, Cystic Focal Cellular Change Bile Duct Hyperplasia, Nos Metamorphosis, Fatty
Lung		Inflammation, Granulomatous Focal Inflammation, Nos
Pancreas	Acinus	Hyperplasia, Nos
Pituitary gland		Adenoma, 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: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_025

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Peyers Patch	Hyperplasia, Lymphoid
Kidney		Fibrosis, Diffuse
		Inflammation, Nos
		Nephropathy
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Mammary gland		Fibroadenoma
Skin		Acanthosis
		Hyperkeratosis
Spleen		Hematopoiesis
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_026

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos Pheochromocytoma
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Fibrosis, Diffuse Inflammation, Nos
Liver		Nephropathy
		Fibrosis, Cholangio Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Pancreas	Acinus	Hyperplasia, Nos
Pituitary gland		Adenoma, Nos
Prostate		Inflammation, Nos
Testis		Interstitial-Cell Tumor
Unspecified		Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_027

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Peyers Patch	Hyperplasia, Lymphoid
Kidney		Fibrosis, Diffuse
		Inflammation, Nos
		Nephropathy
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Pancreas	Acinus	Atrophy, Nos
Spleen		Hematopoiesis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
	Tunica Vaginalis	Mesothelioma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_028

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Myocardium Nos

Bile Duct

Lung

Pituitary gland

Spleen

Testis

Pheochromocytoma

Degeneration, Nos

Nephropathy

Focal Cellular Change

Hyperplasia, Nos

Metamorphosis, Fatty

Inflammation, Nos

Adenoma, Nos

Dilatation, Nos

Hemangiosarcoma

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_029

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Peyers Patch	Hyperplasia, Lymphoid
Kidney		Fibrosis, Diffuse
		Inflammation, Nos
		Nephropathy
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Focal
		Metamorphosis, Fatty
Lung		Hyperplasia, Epithelial
Pancreas	Islets	Islet-Cell Adenoma
Spleen		Hematopoiesis
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_030

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Necrosis, Focal
Lung		Alveolar Macrophages
		Alveolar/Bronchiolar Adenoma
		Inflammation, Nos
Spleen		Hematopoiesis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_031

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain		Hemorrhage
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Metamorphosis, Fatty
		Necrosis, Ischemic
Spleen		Fibrosis
		Infarct, Nos
		Necrosis, Nos
		Thrombosis, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_032

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Nos

Pheochromocytoma

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Nephropathy

Liver

Bile Duct

Hyperplasia, Nos

Lung

Inflammation, Acute

Lymph node

Hyperplasia, Lymphoid

Pituitary gland

Adenoma, Nos

Prostate

Fibrosis

Testis

Inflammation, Nos

Unspecified

Multiple Organs Nos

Hyperplasia, Interstitial Cell

Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_033

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney

Medulla
Myocardium Nos

Hyperplasia, Nos
Degeneration, Nos
Fibrosis, Diffuse
Inflammation, Nos
Nephropathy
Focal Cellular Change
Hyperplasia, Nos
Metamorphosis, Fatty
Dilatation, Nos
Hyperplasia, Nos
Hematopoiesis
Interstitial-Cell Tumor
Hyperplasia, Epithelial
Inflammation, Acute/Chronic
Necrosis, Nos

Liver

Bile Duct

Pituitary gland

Spleen
Testis
Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_034

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Fibrosis, Diffuse
		Inflammation, Nos
		Nephropathy
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Spleen		Hematopoiesis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_035

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Nos
Mammary gland		Fibroadenoma
Prostate		Inflammation, Nos
Skin		Hyperkeratosis
Spleen		Hematopoiesis
Testis		Interstitial-Cell Tumor
Unspecified		Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_036

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Prostate		Inflammation, Nos
Spleen		Hematopoiesis
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_037

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Liver

Pancreas

Pituitary gland

Skin

Testis

Unspecified

Bile Duct

Islets

Multiple Organs Nos

Pheochromocytoma

Nephropathy

Cytoplasmic Change, Basophilic

Hyperplasia, Nos

Islet-Cell Adenoma

Adenoma, Nos

Acanthosis

Hyperkeratosis

Hyperplasia, Interstitial Cell

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_038

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Alveolar/Bronchiolar Carcinoma

Inflammation, Nos

Metaplasia, Squamous

Mineralization

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_039

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Pituitary gland		Adenoma, 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: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_040

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Peyers Patch	Hyperplasia, Lymphoid
Kidney		Fibrosis, Diffuse
		Inflammation, Nos
		Nephropathy
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Mammary gland		Galactocele
Pituitary gland		Adenoma, Nos
		Dilatation, Nos
Prostate		Inflammation, Nos
Spleen		Hematopoiesis
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_041

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Peyers Patch	Hyperplasia, Lymphoid
Kidney		Fibrosis, Diffuse
		Inflammation, Nos
		Nephropathy
Liver		Focal Cellular Change
Lung		Inflammation, Nos
Preputial gland		Carcinoma, Nos
		Inflammation, Necrotizing
Spleen		Hematopoiesis
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_042

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Brain		Malacia
Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Peyers Patch	Hyperplasia, Lymphoid
Kidney		Fibrosis, Diffuse
		Inflammation, Nos
		Nephropathy
Liver		Necrosis, Focal
Lung		Hyperplasia, Epithelial
		Inflammation, Nos
Pancreas	Islets	Islet-Cell Adenoma
Pituitary gland		Adenoma, Nos
Spleen		Hematopoiesis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_043

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hypertrophy, Focal
Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Peyers Patch	Hyperplasia, Lymphoid
Kidney		Fibrosis, Diffuse
		Inflammation, Nos
		Nephropathy
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
		Hyperplasia, Epithelial
Lung		Atrophy, Nos
Pancreas	Acinus	Adenoma, Nos
Pituitary gland		Inflammation, Nos
Prostate		Hematopoiesis
Spleen		Interstitial-Cell Tumor
Testis		Osteosarcoma
Unspecified	Abdominal Cavity	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_044

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Fibrosis, Diffuse
		Inflammation, Nos
		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Pancreas	Islets	Islet-Cell Adenoma
Pituitary gland	Intermedia	Adenoma, Nos
Skin		Cyst, Epidermal Inclusion
		Hyperkeratosis
		Squamous Cell Papilloma
Spleen		Hematopoiesis
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_045

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Liver		Metamorphosis, Fatty
Testis		Hyperplasia, Interstitial Cell
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_046

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Fibrosis, Diffuse
		Inflammation, Nos
		Nephropathy
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Acute/Chronic
Pancreas	Acinus	Atrophy, Nos
Preputial gland		Adenoma, Nos
		Necrosis, Nos
Prostate		Fibrosis, Diffuse
		Inflammation, Nos
Spleen		Hematopoiesis
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_047

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Peyers Patch	Hyperplasia, Lymphoid
Kidney		Fibrosis, Diffuse
		Inflammation, Nos
		Nephropathy
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Spleen		Hematopoiesis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_048

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Myocardium Nos

Metamorphosis, Fatty

Degeneration, Nos

Fibrosis, Diffuse

Inflammation, Nos

Nephropathy

Liver

Degeneration, Cystic

Focal Cellular Change

Pituitary gland

Hyperplasia, Nos

Testis

Atrophy, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_049

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney		Nephropathy
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Mammary gland		Galactocele
Pituitary gland		Adenoma, Nos
Prostate		Inflammation, Nos
Spleen		Hematopoiesis
Stomach		Acanthosis
		Hyperkeratosis
	Submucosa	Inflammation, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_050

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Liver

Medulla

Hyperplasia, Nos
Nephropathy
Fibrosis, Cholangio
Focal Cellular Change

Lung

Bile Duct
Bronchus
Bronchus
Bronchus

Hyperplasia, Nos
Infarct, Nos
Inflammation, Nos
Thrombosis, Nos
Atrophy, Nos
Mineralization
Atrophy, Nos
Hyperplasia, Interstitial Cell
Mineralization

Pancreas
Pituitary gland
Testis

Acinus

Unspecified

Multiple Organs Nos

Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_001

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Blood vessel	Artery Nos	Perivasculitis
Bone	Skull	Osteosarcoma
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Degeneration, Nos
	Bile Duct	Fibrosis
		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
		Inflammation, Nos
		Metamorphosis, Fatty
		Neoplastic Nodule
Lung		Hyperplasia, Epithelial
Pituitary gland		Hyperplasia, Nos
Prostate		Inflammation, Nos
Stomach		Edema, Nos
		Inflammation, Acute/Chronic
		Necrosis, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
		Mineralization

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_002

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Focal Cellular Change
		Hyperplasia, Nos
		Metamorphosis, Fatty
Lung		Necrosis, Focal
Pancreas	Acinus	Inflammation, Nos
Pituitary gland		Atrophy, Nos
		Adenoma, Nos
Stomach		Dilatation, Nos
		Hyperkeratosis
		Hyperplasia, Epithelial
Testis		Inflammation, Acute/Chronic
		Atrophy, Nos
		Hyperplasia, Interstitial Cell
Zymbal gland		Interstitial-Cell Tumor
		Hyperkeratosis
		Squamous Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_003

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Fibrosis
	Bile Duct	Hyperplasia, Nos
Pancreas	Acinus	Atrophy, Nos
Skin	Scrotum	Inflammation, Nos
Stomach		Necrosis, Nos
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_004

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Peyers Patch	Hyperplasia, Lymphoid
Kidney		Nephropathy
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
		Inflammation, Nos
		Metamorphosis, Fatty
Testis		Hyperplasia, Interstitial Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_005

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Mineralization
		Nephropathy
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Lung	Bronchus	Inflammation, Nos
		Inflammation, Nos
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Urinary bladder		Hemorrhage
		Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_006

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Epididymis

Fibrosis

Hyperplasia, Epithelial

Inflammation, Acute/Chronic

Spermatocele

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Fibrosis, Diffuse

Inflammation, Nos

Mineralization

Nephropathy

Liver

Focal Cellular Change

Lung

Hyperplasia, Epithelial

Inflammation, Nos

Lymph node

Plasmacytosis

Mammary gland

Galactocele

Pituitary gland

Adenoma, Nos

Prostate

Dilatation, Nos

Skin

Inflammation, Acute/Chronic

Cyst, Epidermal Inclusion

Hyperkeratosis

Spleen

Hematopoiesis

Testis

Hyperplasia, Interstitial Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_007

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Fibrosis, Diffuse
		Inflammation, Nos
		Nephropathy
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
		Neoplastic Nodule
Oral mucosa		Hyperkeratosis
		Inflammation, Nos
		Necrosis, Nos
Pancreas	Islets	Islet-Cell Adenoma
Pituitary gland		Adenoma, Nos
		Dilatation, Nos
Spleen		Hematopoiesis
Unspecified		Keratoacanthoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_008

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Mineralization

Medulla

Necrosis, Nos

Heart

Myocardium Nos

Pheochromocytoma

Kidney

Degeneration, Nos

Liver

Nephropathy

Bile Duct

Cytoplasmic Change, Basophilic

Hyperplasia, Nos

Pituitary gland

Metamorphosis, Fatty

Adenoma, Nos

Testis

Angiectasis

Atrophy, Nos

Interstitial-Cell Tumor

Unspecified

Base Of Tail

Mineralization

Multiple Organs Nos

Keratoacanthoma

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_009

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Pancreas

Prostate

Spleen

Testis

Myocardium Nos

Bile Duct

Islets

Pheochromocytoma

Degeneration, Nos

Fibrosis

Fibrosis, Diffuse

Nephropathy

Focal Cellular Change

Hyperplasia, Nos

Metamorphosis, Fatty

Islet-Cell Adenoma

Inflammation, Acute/Chronic

Hematopoiesis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_010

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
	Medulla	Hyperplasia, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
		Tubular-Cell Adenoma
Liver	Bile Duct	Hyperplasia, Nos
Lung		Hemorrhage
Lymph node		Plasmacytosis
Pancreas	Islets	Islet-Cell Carcinoma
Pituitary gland		Hyperplasia, Nos
Salivary gland		Neurofibrosarcoma
Spleen		Hematopoiesis
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_011

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Inflammation, Nos
		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
		Neoplastic Nodule
Lung		Inflammation, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_012

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Necrosis, Focal
Pituitary gland		Adenoma, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
		Mineralization
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_013

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney

Medulla
Myocardium Nos

Hyperplasia, Nos
Degeneration, Nos
Fibrosis, Diffuse
Nephropathy

Liver

Bile Duct

Focal Cellular Change

Lymph node
Prostate

Hyperplasia, Nos

Skin

Plasmacytosis

Testis

Inflammation, Nos

Unspecified

Basal-Cell Carcinoma

Interstitial-Cell Tumor

Fibroma

Multiple Organs Nos

Hematopoiesis

Multiple Organs Nos

Lymphoma, Histiocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_014

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos Fibrosis
Kidney		Fibrosis, Diffuse Inflammation, Nos Nephropathy
Liver	Bile Duct	Focal Cellular Change Hyperplasia, Nos Metamorphosis, Fatty
Mammary gland		Fibroadenoma
Pituitary gland		Adenoma, Nos
Testis		Hyperplasia, Interstitial Cell Interstitial-Cell Tumor
Thyroid		Inflammation, Chronic
Urinary bladder		Calculus, Microscopic Examination

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_015

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Myocardium Nos

Metamorphosis, Fatty

Degeneration, Nos

Fibrosis, Diffuse

Inflammation, Nos

Nephropathy

Liver

Fibrosis, Cholangio

Focal Cellular Change

Bile Duct

Hyperplasia, Nos

Metamorphosis, Fatty

Pancreas

Islets

Islet-Cell Adenoma

Pituitary gland

Adenoma, Nos

Prostate

Fibrosis, Diffuse

Inflammation, Nos

Spleen

Hematopoiesis

Testis

Hyperplasia, Interstitial Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_016

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney

Cortex Nos
Myocardium Nos

Hyperplasia, Focal
Degeneration, Nos
Fibrosis, Diffuse
Inflammation, Nos
Nephropathy

Liver

Bile Duct

Focal Cellular Change
Hyperplasia, Nos
Metamorphosis, Fatty
Hyperplasia, Focal
Fibrosis, Diffuse
Hyperplasia, Epithelial
Inflammation, Nos
Interstitial-Cell Tumor
Fibroma

Pancreas
Prostate

Testis
Unspecified

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_017

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Nos

Heart

Myocardium Nos

Degeneration, Nos

Fibrosis

Intestine Small

Peyers Patch

Hyperplasia, Lymphoid

Kidney

Fibrosis, Diffuse

Inflammation, Nos

Nephropathy

Liver

Focal Cellular Change

Lung

Alveolar Macrophages

Inflammation, Nos

Pancreas

Acinus

Atrophy, Nos

Spleen

Hematopoiesis

Testis

Atrophy, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_018

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Liver

Bile Duct

Hyperplasia, Nos

Testis

Metamorphosis, Fatty

Thyroid

Atrophy, Nos

Unspecified

Multiple Organs Nos

Interstitial-Cell Tumor

C-Cell Adenoma

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_019

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Fibrosis, Diffuse

Inflammation, Nos

Nephropathy

Liver

Bile Duct

Hyperplasia, Nos

Pituitary gland

Hyperplasia, Nos

Prostate

Hyperplasia, Epithelial

Spleen

Hematopoiesis

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_020

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos Fibrosis
Kidney		Nephropathy
Liver		Metamorphosis, Fatty Neoplastic Nodule
Lung		Hyperplasia, Epithelial
Pancreas	Acinus	Atrophy, Focal
Pituitary gland		Adenoma, Nos
Stomach		Hyperkeratosis
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_021

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
	Medulla	Hyperplasia, Focal
Heart	Myocardium Nos	Degeneration, Nos
		Fibrosis
Kidney		Fibrosis, Diffuse
		Inflammation, Nos
		Nephropathy
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Lung		Hyperplasia, Epithelial
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_022

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Spleen

Hematopoiesis

Unspecified

Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_023

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Myocardium Nos

Pancreas

Prostate

Testis

Bile Duct

Acinus

Unspecified

Multiple Organs Nos

Pheochromocytoma

Degeneration, Nos

Nephropathy

Fibrosis, Cholangio

Focal Cellular Change

Hyperplasia, Nos

Atrophy, Nos

Hyperplasia, Epithelial

Atrophy, Nos

Interstitial-Cell Tumor

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_024

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Liver

Prostate

Spleen

Unspecified

Bile Duct

Nephropathy

Hyperplasia, Nos

Inflammation, Nos

Depletion, Lymphoid

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_025

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hypertrophy, Focal
Kidney		Fibrosis, Diffuse
		Nephropathy
Liver		Degeneration, Nos
		Dilatation, Nos
	Bile Duct	Hyperplasia, Nos
		Neoplastic Nodule
Lung		Alveolar Macrophages
		Hyperplasia, Epithelial
		Inflammation, Acute/Chronic
Skin		Squamous Cell Carcinoma
Stomach		Hyperplasia, Basal Cell
		Inflammation, Nos
		Necrosis, Focal
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_026

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Fibrosis, Diffuse
		Inflammation, Nos
		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Pituitary gland		Adenoma, Nos
		Hyperplasia, Focal
Prostate		Inflammation, Nos
Spleen		Hematopoiesis
Testis		Atrophy, Nos
		Inflammation, Nos
		Interstitial-Cell Tumor
		Necrosis, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_027

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Myocardium Nos

Pheochromocytoma

Degeneration, Nos

Fibrosis

Intestine Small

Kidney

Peyers Patch

Hyperplasia, Lymphoid

Fibrosis, Diffuse

Inflammation, Nos

Nephropathy

Liver

Focal Cellular Change

Bile Duct

Hyperplasia, Nos

Metamorphosis, Fatty

Lymph node

Angiectasis

Pituitary gland

Adenoma, Nos

Spleen

Hemangiosarcoma

Mastocytosis

Testis

Necrosis, Nos

Atrophy, Nos

Hyperplasia, Interstitial Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_028

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Myocardium Nos

Pheochromocytoma

Degeneration, Nos

Fibrosis, Diffuse

Inflammation, Nos

Nephropathy

Liver

Focal Cellular Change

Spleen

Fibrosis, Focal

Testis

Atrophy, Nos

Interstitial-Cell Tumor

Mineralization

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_029

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
	Medulla	Hyperplasia, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Fibrosis, Cholangio
		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Pituitary gland		Hyperplasia, Nos
Prostate		Inflammation, Nos
Spleen		Hematopoiesis
		Mesothelioma, Invasive
Stomach		Mesothelioma, Invasive
Testis		Interstitial-Cell Tumor
	Tunica Vaginalis	Mesothelioma, Malignant
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_030

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Fibrosis, Diffuse
		Inflammation, Nos
		Nephropathy
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Pituitary gland		Hyperplasia, Nos
Spleen		Hematopoiesis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_031

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos
Medulla

Hyperplasia, Nos
Hyperplasia, Nos
Pheochromocytoma

Heart

Myocardium Nos

Degeneration, Nos
Fibrosis

Kidney

Nephropathy

Liver

Bile Duct

Hyperplasia, Nos

Lymph node

Mastocytosis

Stomach

Omentum Nos

Mineralization

Testis

Omentum Nos

Necrosis, Fat

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_032

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Pancreas

Testis

Myocardium Nos

Bile Duct

Acinus

Metamorphosis, Fatty

Degeneration, Nos

Fibrosis

Fibrosis, Diffuse

Inflammation, Nos

Nephropathy

Focal Cellular Change

Hyperplasia, Nos

Neoplastic Nodule

Atrophy, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_033

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Myocardium Nos

Pheochromocytoma

Degeneration, Nos

Fibrosis, Diffuse

Inflammation, Nos

Nephropathy

Liver

Focal Cellular Change

Metamorphosis, Fatty

Pituitary gland

Adenoma, Nos

Prostate

Fibrosis, Diffuse

Inflammation, Nos

Spleen

Hematopoiesis

Testis

Hyperplasia, Interstitial Cell

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_034

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Pancreas	Acinus	Atrophy, Nos
Preputial gland		Adenoma, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_035

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Cortical Adenoma
		Pheochromocytoma
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Fibrosis, Diffuse
		Inflammation, Nos
		Nephropathy
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Pituitary gland		Adenoma, Nos
		Dilatation, Nos
Prostate		Fibrosis, Diffuse
		Inflammation, Nos
Spleen		Hematopoiesis
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Urinary bladder		Calculus, Microscopic Examination

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_036

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Esophagus

Kidney

Liver

Bile Duct

Hyperkeratosis

Nephropathy

Hyperplasia, Nos

Metamorphosis, Fatty

Necrosis, Focal

Stomach

Unspecified

Multiple Organs Nos

Hyperkeratosis

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_037

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lymph node

Testis

Unspecified

Myocardium Nos

Bile Duct

Multiple Organs Nos

Pheochromocytoma

Degeneration, Nos

Nephropathy

Fibrosis, Cholangio

Hyperplasia, Nos

Mastocytosis

Atrophy, Nos

Interstitial-Cell Tumor

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_038

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart

Myocardium Nos

Degeneration, Nos

Thrombosis, Nos

Liver

Bile Duct

Hyperplasia, Nos

Metamorphosis, Fatty

Lymph node

Mastocytosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_039

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
	Cortex Nos	Hypertrophy, Focal
Brain	Cerebellum Nos	Hemorrhage
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Fibrosis, Diffuse
		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Mammary gland		Fibroadenoma
Pituitary gland		Adenoma, Nos
Prostate		Inflammation, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_040

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Nos

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Nephropathy

Pituitary gland

Hyperplasia, Nos

Prostate

Hyperplasia, Epithelial

Testis

Atrophy, Nos

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Mineralization

Lymphoma, Lymphocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_041

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Pituitary gland

Prostate

Spleen

Testis

Myocardium Nos

Bile Duct

Multiple Organs Nos

Pheochromocytoma

Degeneration, Nos

Nephropathy

Hyperplasia, Nos

Adenoma, Nos

Fibrosis

Inflammation, Nos

Hematopoiesis

Atrophy, Nos

Hyperplasia, Interstitial Cell

Interstitial-Cell Tumor

Mineralization

Leukemia, Mononuclear Cell

Unspecified

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_042

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Fibrosis, Diffuse
		Inflammation, Nos
		Mineralization
		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
		Inflammation, Multifocal
Pituitary gland		Adenoma, Nos
		Dilatation, Nos
Prostate		Inflammation, Nos
Skin	Ear	Inflammation, Nos
Spleen		Hematopoiesis
Thyroid		Hyperplasia, C Cell
Unspecified		Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_043

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Fibrosis, Diffuse
		Inflammation, Nos
		Nephropathy
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Mammary gland		Galactocele
		Mineralization
Pituitary gland		Adenoma, Nos
		Dilatation, Nos
Prostate		Fibrosis, Diffuse
		Inflammation, Nos
Stomach		Hyperplasia, Basal Cell
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
		Mineralization
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_044

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney
Liver
Pituitary gland
Prostate
Spleen
Stomach

Medulla
Myocardium Nos

Testis

Hyperplasia, Nos
Degeneration, Nos
Nephropathy
Metamorphosis, Fatty
Adenoma, Nos
Inflammation, Nos
Hematopoiesis
Edema, Nos
Hyperkeratosis
Hyperplasia, Epithelial
Inflammation, Nos
Necrosis, Nos
Atrophy, Nos
Hyperplasia, Interstitial Cell
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_045

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Testis		Necrosis, Focal
Unspecified	Multiple Organs Nos	Interstitial-Cell Tumor
		Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_046

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Myocardium Nos

Pheochromocytoma

Degeneration, Nos

Fibrosis, Diffuse

Inflammation, Nos

Mineralization

Nephropathy

Liver

Focal Cellular Change

Metamorphosis, Fatty

Pituitary gland

Adenoma, Nos

Preputial gland

Carcinoma, Nos

Necrosis, Nos

Spleen

Hematopoiesis

Testis

Atrophy, Nos

Interstitial-Cell Tumor

Thyroid

Hyperplasia, C Cell

Hyperplasia, Follicular Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_047

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Hepatocellular Carcinoma
Lung		Hepatocellular Carcinoma, Metastatic
		Mineralization
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_048

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal Pheochromocytoma
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Fibrosis, Diffuse Inflammation, Nos
Liver		Nephropathy Degeneration, Cystic Focal Cellular Change
	Bile Duct	Hyperplasia, Nos Metamorphosis, Fatty
Pancreas	Acinus	Atrophy, Focal
Prostate		Inflammation, Nos
Spleen		Hematopoiesis
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_049

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Liver

Bile Duct

Hyperplasia, Nos

Testis

Necrosis, Focal

Unspecified

Multiple Organs Nos

Interstitial-Cell Tumor

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55298

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 8-Hydroxyquinoline

CAS Number: 148-24-3

Date Report Requested: 10/26/2014

Time Report Requested: 18:01:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_050

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Fibrosis, Diffuse
		Inflammation, Nos
		Nephropathy
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
Pituitary gland		Hyperplasia, Nos
Spleen		Hematopoiesis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****

* PROTOCOL REQUIRED TISSUE