

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

C Number: C54922

Cage Range: All

Date Range: All

Reasons For Removal: All

Removal Date Range: All

Treatment Groups: All

Study Gender: Male

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_001

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Brain

Cortex Nos

Cytoplasmic Vacuolization
Hemorrhage
Necrosis, Nos

Heart
Kidney
Liver

Fibrosis, Focal
Nephropathy
Cytoplasmic Vacuolization

Mammary gland
Preputial gland

Bile Duct

Hyperplasia, Nos
Cystic Ducts
Carcinoma, Nos
Cystic Ducts

Skin
Testis
Trachea
Unspecified

Ear

Inflammation, Acute Suppurative
Neurilemoma
Interstitial-Cell Tumor
Inflammation, Acute Suppurative

Multiple Organs Nos
Multiple Organs Nos

Leukemia, Mononuclear Cell
Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_002

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Accidentally Killed

HISTO:

OBSERVATIONS

Kidney

Tubule

Pigmentation, Nos

Liver

Cytoplasmic Vacuolization

Thyroid

Follicle

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_003

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Eye

Cataract

Heart

Retinopathy

Intestine Small

Myocardium Nos

Inflammation, Chronic

Kidney

Mesentery Nos

Steatitis

Liver

Bile Duct

Nephropathy

Mammary gland

Hyperplasia, Nos

Pituitary gland

Cystic Ducts

Adenoma, Nos

Prostate

Angiectasis

Testis

Inflammation, Chronic Suppurative

Unspecified

Multiple Organs Nos

Interstitial-Cell Tumor

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_004

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Eye		Cataract
		Retinopathy
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Seminal vesicle		Atrophy, Nos
Skin	Foot And Toe Nos	Basal-Cell Carcinoma
	Flank	Keratoacanthoma
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_005

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Eye

Cataract

Heart

Retinopathy

Pancreas

Myocardium Nos

Inflammation, Chronic

Skin

Acinus

Atrophy, Focal

Testis

Foot And Toe Nos

Inflammation, Chronic

Unspecified

Flank

Interstitial-Cell Tumor

Multiple Organs Nos

Fibroma

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_006

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Eye

Cataract

Heart

Myocardium Nos

Retinopathy

Kidney

Inflammation, Chronic

Liver

Bile Duct

Nephropathy

Lung

Hyperplasia, Nos

Testis

Congestion, Nos

Unspecified

Multiple Organs Nos

Interstitial-Cell Tumor

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_007

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Eye

Heart

Kidney

Liver

Pancreas

Pituitary gland

Testis

Unspecified

Myocardium Nos

Acinus

Islets

Multiple Organs Nos

Pheochromocytoma

Cataract

Retinopathy

Inflammation, Chronic

Nephropathy

Focal Cellular Change

Acinar-Cell Adenoma

Hyperplasia, Nos

Islet-Cell Adenoma

Adenoma, Nos

Interstitial-Cell Tumor

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_008

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Eye

Cataract

Heart

Myocardium Nos

Retinopathy

Kidney

Inflammation, Chronic

Lung

Nephropathy

Pancreas

Hyperplasia, Adenomatous

Acinus

Acinar-Cell Adenoma

Seminal vesicle

Hyperplasia, Nos

Testis

Atrophy, Nos

Unspecified

Multiple Organs Nos

Interstitial-Cell Tumor

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_009

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney	Tubule	Pigmentation, Nos
Pancreas		Atrophy, Nos
Pituitary gland		Adenoma, Nos
Thyroid	Follicle	Hypertrophy, Nos
	Follicle	Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_010

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Heart

Cortex Nos

Pigmentation, Nos

Kidney

Fibrosis, Focal

Prostate

Tubule

Nephrosis, Hydro

Seminal vesicle

Pigmentation, Nos

Spleen

Hemorrhage

Testis

Hemorrhage

Thyroid

Hemosiderosis

Interstitial-Cell Tumor

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_011

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Eye

Pheochromocytoma

Cataract

Phthisis Bulbi

Retinopathy

Heart
Kidney
Liver

Myocardium Nos

Inflammation, Chronic

Nephropathy

Focal Cellular Change

Hepatocellular Carcinoma

Pituitary gland
Testis
Thyroid
Unspecified

Bile Duct

Hyperplasia, Nos

Hyperplasia, Focal

Interstitial-Cell Tumor

C-Cell Adenoma

Multiple Organs Nos

Leukemia, Mononuclear Cell

Multiple Organs Nos

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_012

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Eye

Cortex Nos

Cytoplasmic Vacuolization
Cataract

Heart
Kidney

Myocardium Nos

Retinopathy
Inflammation, Chronic
Nephropathy

Liver

Bile Duct

Hyperplasia, Nos

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_013

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Eye

Cataract

Heart

Myocardium Nos

Retinopathy

Kidney

Inflammation, Chronic

Pancreas

Nephropathy

Prostate

Acinar-Cell Adenoma

Testis

Inflammation, Suppurative

Cyst, Hemorrhagic

Fibrosis

Hemosiderosis

Interstitial-Cell Tumor

Thyroid

Hyperplasia, C Cell

Unspecified

Multiple Organs Nos

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_014

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Eye

Cataract

Heart

Myocardium Nos

Retinopathy

Kidney

Inflammation, Chronic

Pancreas

Islets

Nephropathy

Testis

Islet-Cell Carcinoma

Unspecified

Multiple Organs Nos

Interstitial-Cell Tumor

Multiple Organs Nos

Mesothelioma, Malignant

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_015

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Eye

Cataract

Phthisis Bulbi

Retinopathy

Heart

Myocardium Nos

Inflammation, Chronic

Kidney

Nephropathy

Liver

Bile Duct

Hyperplasia, Nos

Pancreas

Acinus

Acinar-Cell Adenoma

Testis

Hyperplasia, Nos

Unspecified

Multiple Organs Nos

Interstitial-Cell Tumor

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_016

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Accidentally Killed

HISTO:

OBSERVATIONS

Kidney

Tubule

Pigmentation, Nos

Lung

Aspiration, Foreign Body

Thyroid

Follicle

Congestion, Nos

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_017

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Eye

Cataract

Heart

Myocardium Nos

Retinopathy

Kidney

Inflammation, Chronic

Liver

Nephrosis, Nos

Pancreas

Bile Duct

Hyperplasia, Nos

Acinus

Acinar-Cell Adenoma

Islets

Hyperplasia, Nos

Testis

Islet-Cell Adenoma

Unspecified

Multiple Organs Nos

Interstitial-Cell Tumor

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_018

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Eye

Cataract

Hemorrhage

Retinopathy

Heart

Myocardium Nos

Inflammation, Chronic

Kidney

Nephropathy

Pancreas

Acinar-Cell Adenoma

Islets

Islet-Cell Carcinoma

Skin

Sebaceous Adenocarcinoma

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_019

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Eye

Heart
Intestine Large

Kidney
Liver

Pancreas
Stomach

Testis

Thyroid

Unspecified

Myocardium Nos
Cecum, Colon

Multiple Organs Nos

Pheochromocytoma, Malignant
Cataract
Retinopathy
Inflammation, Chronic
Lipoma
Nephropathy
Hepatocellular Carcinoma
Acinar-Cell Adenoma
Hyperplasia, Papillary
Atrophy, Nos
Hyperplasia, Interstitial Cell
Interstitial-Cell Tumor
C-Cell Adenoma
Hyperplasia, Cystic
Fibrosis
Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_020

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Eye

Medulla

Hyperplasia, Focal
Cataract

Heart

Myocardium Nos

Retinopathy
Inflammation, Chronic

Kidney

Nephropathy

Pancreas

Acinus

Hyperplasia, Nos

Pituitary gland

Cyst, Nos

Prostate

Hyperplasia, Focal

Testis

Inflammation, Suppurative

Unspecified

Multiple Organs Nos

Interstitial-Cell Tumor

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_021

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone	Femur	Osteosarcoma
Kidney	Tubule	Pigmentation, Nos
Liver		Hematopoiesis
Spleen		Hematopoiesis
Testis	Tunica Vaginalis	Mesothelioma, Nos
Thyroid	Follicle	Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_022

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Eye		Cataract
		Retinopathy
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Pancreas	Islets	Islet-Cell Carcinoma
Pituitary gland		Adenoma, Nos
		Angiectasis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_023

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Eye

Heart

Kidney

Liver

Lymph node

Pancreas

Testis

Thyroid

Unspecified

Myocardium Nos

Bile Duct

Mandibular Lymph Node

Acinus

Multiple Organs Nos

Pheochromocytoma

Cataract

Retinopathy

Inflammation, Chronic

Nephropathy

Hyperplasia, Nos

Lymphangiectasis

Hyperplasia, Nos

Atrophy, Nos

Interstitial-Cell Tumor

C-Cell Adenoma

Hyperplasia, C Cell

Fibroma

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_024

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Ear	Middle Ear	Inflammation, Chronic Suppurative
Eye		Cataract
		Retinopathy
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Lung		Carcinoma, Nos, Metastatic
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Pigmentation, Nos
Zymbal gland		Carcinoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_025

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Eye

Cortex Nos

Focal Cellular Change
Cataract
Retinopathy

Heart
Kidney
Liver

Myocardium Nos

Inflammation, Chronic
Nephropathy
Cytoplasmic Vacuolization

Lung
Testis

Bile Duct

Hyperplasia, Nos
Neoplastic Nodule
Pigmentation, Nos
Atrophy, Nos
Interstitial-Cell Tumor

Thyroid
Unspecified

Multiple Organs Nos

Hyperplasia, C Cell
Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_026

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Mammary gland

Pancreas

Seminal vesicle

Spleen

Testis

Unspecified

Myocardium Nos

Multiple Organs Nos

Pheochromocytoma

Inflammation, Chronic

Nephropathy

Fibroadenoma

Hyperplasia, Cystic

Acinar-Cell Adenoma

Atrophy, Nos

Atrophy, Focal

Atrophy, Nos

Interstitial-Cell Tumor

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_027

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Accidentally Killed

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Lung		Aspiration, Foreign Body
Preputial gland		Adenoma, Nos
Prostate		Inflammation, Chronic
Testis		Interstitial-Cell Tumor
Thyroid		Cyst, Thyroglossal Duct
	Follicle	Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_028

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Chronic
Pituitary gland		Cyst, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_029

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Lymph node	Mandibular Lymph Node	Lymphangiectasis
Pancreas		Acinar-Cell Adenoma
	Acinus	Hyperplasia, Nos
Pituitary gland		Angiectasis
		Carcinoma, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Abdomen	Fibrosis
	Foot	Hemangioma
	Multiple Organs Nos	Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_030

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Mammary gland		Cystic Ducts
Pituitary gland		Acidophil Adenoma
		Angiectasis
Prostate		Inflammation, Suppurative
Seminal vesicle		Atrophy, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Pigmentation, Nos
Urinary bladder		Transitional-Cell Papilloma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_031

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Accidentally Killed

HISTO:

OBSERVATIONS

Heart

Myocardium Nos

Inflammation, Chronic

Prostate

Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_032

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Pancreas		Acinar-Cell Adenoma
	Acinus	Hyperplasia, Nos
Preputial gland		Inflammation, Chronic
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Carcinoma
Unspecified		Cyst, Hemorrhagic
	Multiple Organs Nos	Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_033

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Pancreas

Seminal vesicle

Testis

Unspecified

Myocardium Nos

Acinus

Multiple Organs Nos

Pheochromocytoma

Inflammation, Chronic

Nephropathy

Hyperplasia, Diffuse

Atrophy, Nos

Interstitial-Cell Tumor

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_034

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Vacuolization
Lung		Hyperplasia, Adenomatous
Prostate		Hyperplasia, Epithelial
		Inflammation, Chronic Suppurative
Seminal vesicle		Hyperplasia, Epithelial
		Inflammation, Chronic Suppurative
Spleen		Pigmentation, Nos
Testis		Hyperplasia, Interstitial Cell
Thyroid		Pigmentation, Nos
Unspecified	Pelvis Nos	Liposarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_035

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Cortex Nos

Pigmentation, Nos

Heart

Fibrosis, Multifocal

Kidney

Nephropathy

Tubule

Pigmentation, Nos

Liver

Necrosis, Zonal

Spleen

Hemosiderosis

Thyroid

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_036

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Pancreas

Seminal vesicle

Testis

Unspecified

Myocardium Nos

Acinus

Multiple Organs Nos

Angiectasis

Inflammation, Chronic

Nephropathy

Hyperplasia, Diffuse

Atrophy, Nos

Interstitial-Cell Tumor

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_037

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Seminal vesicle

Atrophy, Nos

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_038

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Oral mucosa	Soft Palate	Squamous Cell Papilloma
Pancreas		Acinar-Cell Adenoma
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_039

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Intestine Small

Kidney

Seminal vesicle

Testis

Unspecified

Mesentery Nos

Multiple Organs Nos

Pheochromocytoma

Necrosis, Fat

Nephropathy

Atrophy, Nos

Interstitial-Cell Tumor

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_040

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Brain	Medulla Oblongata Nos	Gliosis
Heart	Myocardium Nos	Inflammation, Chronic
Intestine Small	Mesentery Nos	Steatitis
Kidney		Nephropathy
Lung		Hyperplasia, Alveolar Epithelium
Pancreas	Acinus	Atrophy, Nos
Pituitary gland		Adenoma, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_041

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Cortex Nos

Pigmentation, Nos

Heart

Fibrosis, Focal

Kidney

Tubule

Pigmentation, Nos

Spleen

Hemosiderosis

Testis

Interstitial-Cell Tumor

Thyroid

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_042

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Intestine Small

Kidney

Pancreas

Pituitary gland

Seminal vesicle

Testis

Thyroid

Unspecified

Myocardium Nos

Mesentery Nos

Multiple Organs Nos

Pheochromocytoma

Inflammation, Chronic

Steatitis

Nephropathy

Lymphocytic Inflammatory Infiltrate

Hyperplasia, Focal

Atrophy, Nos

Interstitial-Cell Tumor

Follicular-Cell Carcinoma

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_043

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Small
Kidney
Testis
Unspecified

Medulla
Myocardium Nos
Mesentery Nos

Multiple Organs Nos
Multiple Organs Nos

Pheochromocytoma
Inflammation, Chronic
Steatitis
Nephropathy
Interstitial-Cell Tumor
Leukemia, Mononuclear Cell
Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_044

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Pancreas

Seminal vesicle

Testis

Unspecified

Acinus

Multiple Organs Nos

Pheochromocytoma

Nephropathy

Hyperplasia, Focal

Atrophy, Nos

Interstitial-Cell Tumor

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_045

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cyst, Nos

Heart

Myocardium Nos

Inflammation, Chronic

Kidney

Nephropathy

Pituitary gland

Angiectasis

Prostate

Inflammation, Chronic

Seminal vesicle

Atrophy, Nos

Skin

Tail

Squamous Cell Carcinoma

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_046

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Intestine Small

Kidney

Liver

Mammary gland

Seminal vesicle

Testis

Unspecified

Myocardium Nos

Mesentery Nos

Bile Duct

Multiple Organs Nos

Pheochromocytoma

Inflammation, Chronic

Steatitis

Nephropathy

Hyperplasia, Nos

Fibroadenoma

Atrophy, Nos

Interstitial-Cell Tumor

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_047

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Cortex Nos

Pigmentation, Nos

Heart

Fibrosis, Focal

Kidney

Nephropathy

Tubule

Pigmentation, Nos

Liver

Bile Duct

Hyperplasia, Nos

Pancreas

Islets

Islet-Cell Adenoma

Testis

Hyperplasia, Interstitial Cell

Thyroid

Interstitial-Cell Tumor

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_048

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Kidney

Nephropathy

Liver

Focal Cellular Change

Lung

Bronchopneumonia, Acute

Bronchiole

Hyperplasia, Epithelial

Pituitary gland

Pneumonia, Aspiration

Adenoma, Nos

Testis

Angiectasis

Thyroid

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Follicular-Cell Carcinoma

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_049

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Intestine Small	Duodenum	Inflammation, Acute/Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Mammary gland		Cystic Ducts
Pituitary gland		Adenoma, Nos
Preputial gland		Atrophy, Nos
Prostate		Hyperplasia, Epithelial
		Inflammation, Chronic Suppurative
Skin		Keratoacanthoma
Testis		Atrophy, Nos
Unspecified	Multiple Organs Nos	Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_050

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Eye

Retinopathy

Heart

Fibrosis, Focal

Nasal cavity

Inflammation, Acute Suppurative

Prostate

Inflammation, Interstitial

Salivary gland

Edema, Nos

Seminal vesicle

Atrophy, Nos

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Pigmentation, Nos

Multiple Organs Nos

Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_001

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cytologic Alteration, Nos
	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Pigmentation, Nos
Heart		Fibrosis, Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Nos
Mammary gland		Cystic Ducts
Pituitary gland		Angiectasis
		Carcinoma, Nos
Spleen		Hemosiderosis
Stomach	Forestomach	Hyperkeratosis
	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Acute/Chronic
Thyroid		C-Cell Adenoma
		Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_002

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Pancreas	Islets	Islet-Cell Adenoma
Testis		Interstitial-Cell Tumor
	Spermatic Cord Nos	Steatitis
Unspecified	Multiple Organs Nos	Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_003

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Focal Cellular Change

Heart

Myocardium Nos

Inflammation, Chronic

Kidney

Nephropathy

Liver

Bile Duct

Hyperplasia, Nos

Spleen

Necrosis, Ischemic

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

Multiple Organs Nos

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_004

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone	Skull	Hyperostosis
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Prostate		Inflammation, Chronic Suppurative
Seminal vesicle		Hyperplasia, Epithelial
		Inflammation, Chronic
Stomach	Forestomach	Degeneration, Nos
	Forestomach	Edema, Nos
	Forestomach	Hyperplasia, Epithelial
	Forestomach	Ulcer, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_005

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Dosing Accident

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Intestine Small

Kidney

Lung

Seminal vesicle

Testis

Unspecified

Myocardium Nos

Mesentery Nos

Multiple Organs Nos

Angiectasis

Inflammation, Chronic

Steatitis

Nephropathy

Edema, Nos

Atrophy, Nos

Atrophy, Nos

Interstitial-Cell Tumor

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_006

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Vacuolization
	Bile Duct	Hyperplasia, Nos
Seminal vesicle		Atrophy, Nos
Testis		Interstitial-Cell Tumor
Thyroid		Follicular-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_007

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Pituitary gland

Seminal vesicle

Testis

Unspecified

Multiple Organs Nos

Pheochromocytoma

Nephropathy

Hyperplasia, Focal

Atrophy, Nos

Interstitial-Cell Tumor

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_008

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Focal

Heart

Myocardium Nos

Inflammation, Chronic

Kidney

Nephropathy

Mammary gland

Fibroadenoma

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_009

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Lung

Pancreas

Seminal vesicle

Testis

Thyroid

Unspecified

Myocardium Nos

Acinus

Multiple Organs Nos

Pheochromocytoma

Inflammation, Chronic

Nephropathy

Alveolar/Bronchiolar Adenoma

Hyperplasia, Focal

Atrophy, Nos

Interstitial-Cell Tumor

Hyperplasia, C Cell

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_010

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Pancreas		Inflammation, Chronic
Testis		Interstitial-Cell Tumor
Unspecified		Fibroma
	Multiple Organs Nos	Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_011

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Pituitary gland		Angiectasis
Seminal vesicle		Atrophy, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_012

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Focal

Heart

Myocardium Nos

Inflammation, Chronic

Kidney

Nephropathy

Lymph node

Bronchial Lymph Node

Edema, Nos

Seminal vesicle

Atrophy, Nos

Testis

Atrophy, Nos

Thyroid

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

C-Cell Adenoma

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_013

TRT#: 2

DOSE: 250.0 MG/KG

SEX: Male

DISP: Natural Death

DAY ON TEST:

HISTO:

OBSERVATIONS

Brain		Carcinoma, Nos, Invasive
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Chronic
Pituitary gland		Carcinoma, Nos
Prostate		Inflammation, Chronic Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_014

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Intestine Small
Kidney
Liver
Pancreas
Seminal vesicle
Testis
Unspecified

Medulla
Ileum

Bile Duct
Acinus

Multiple Organs Nos
Multiple Organs Nos

Hyperplasia, Focal
Hyperplasia, Epithelial
Nephropathy
Hyperplasia, Nos
Atrophy, Nos
Inflammation, Chronic
Interstitial-Cell Tumor
Leukemia, Mononuclear Cell
Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_015

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Pancreas		Acinar-Cell Adenoma
	Acinus	Hyperplasia, Nos
	Islets	Islet-Cell Carcinoma
Pituitary gland		Angiectasis
		Hyperplasia, Focal
Seminal vesicle		Atrophy, Nos
Skeletal muscle	Abdominal Muscle	Lipoma
Skin	Lip Nos	Basal-Cell Carcinoma
Spleen		Fibrosis
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_016

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Diffuse
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung	Alveoli	Hemorrhage
		Hyperplasia, Adenomatous
Pancreas	Acinus	Hyperplasia, Nos
Pituitary gland		Hyperplasia, Focal
Seminal vesicle		Atrophy, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_017

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Pancreas	Islets	Islet-Cell Adenoma
Seminal vesicle		Atrophy, Nos
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
Unspecified		Fibroma
	Multiple Organs Nos	Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_018

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Pancreas		Acinar-Cell Adenoma
	Acinus	Hyperplasia, Nos
Pituitary gland		Angiectasis
Preputial gland		Carcinoma, Nos
		Cystic Ducts
		Inflammation, Chronic
Prostate		Cystic Ducts
Testis		Interstitial-Cell Tumor
Unspecified		Fibroma
	Multiple Organs Nos	Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_019

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Dosing Accident

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver		Congestion, Nos
Lung		Congestion, Nos
Pancreas	Acinus	Hyperplasia, Focal
Skin		Basal-Cell Carcinoma
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_020

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Mammary gland

Pancreas

Pituitary gland

Skin

Testis

Unspecified

Myocardium Nos

Acinus

Foot And Toe Nos

Multiple Organs Nos

Cortical Adenoma

Inflammation, Chronic

Nephropathy

Cystic Ducts

Hyperplasia, Focal

Adenoma, Nos

Angiectasis

Basal-Cell Carcinoma

Interstitial-Cell Tumor

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_021

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver		Cytoplasmic Vacuolization
Pituitary gland		Adenoma, Nos
		Angiectasis
Prostate		Inflammation, Suppurative
Unspecified	Multiple Organs Nos	Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_022

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Pituitary gland

Prostate

Testis

Thyroid

Unspecified

Myocardium Nos

Multiple Organs Nos

Pheochromocytoma

Inflammation, Chronic

Nephropathy

Cytoplasmic Vacuolization

Hepatocellular Carcinoma

Hyperplasia, Focal

Inflammation, Chronic

Interstitial-Cell Tumor

Cystic Follicles

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_023

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Prostate		Hyperplasia, Epithelial
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Pigmentation, Nos
		Trichoepithelioma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_024

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization Pheochromocytoma
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver		Cytoplasmic Vacuolization
	Bile Duct	Hyperplasia, Nos
Mammary gland		Cystic Ducts
Pituitary gland		Acidophil Adenoma
Prostate		Inflammation, Suppurative
Stomach	Forestomach	Edema, Nos
	Forestomach	Hyperkeratosis
	Forestomach	Hyperplasia, Epithelial
Unspecified	Multiple Organs Nos	Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_025

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney

Cortex Nos

Cytoplasmic Vacuolization
Fibrosis, Focal
Nephropathy

Liver
Lung
Stomach

Tubule

Pigmentation, Nos
Inflammation, Acute Suppurative
Bronchopneumonia, Acute

Forestomach
Forestomach

Hyperkeratosis
Hyperplasia, Epithelial
Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_026

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Accessory Structure

Cortex Nos

Degeneration, Lipoid

Medulla

Hyperplasia, Focal

Pheochromocytoma

Heart

Myocardium Nos

Inflammation, Chronic

Kidney

Nephropathy

Liver

Cytoplasmic Vacuolization

Bile Duct

Hyperplasia, Nos

Pancreas

Acinar-Cell Adenoma

Pituitary gland

Hyperplasia, Nos

Skin

Keratoacanthoma

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_027

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney	Tubule	Calculus, Unknown Gross Or Micro Dilatation, Nos Necrosis, Medullary
Nerve, peripheral Prostate	Spinal Nerve Nos	Lymphocytic Inflammatory Infiltrate Edema, Nos Hemorrhage Hyperplasia, Epithelial Inflammation, Chronic Necrosis, Nos Pigmentation, Nos
Urinary bladder	Submucosa Mucosa Serosa	Hemorrhage Hyperplasia, Epithelial Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_028

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Angiectasis

Medulla

Hyperplasia, Focal

Pheochromocytoma

Heart

Myocardium Nos

Inflammation, Chronic

Intestine Small

Mesentery Nos

Steatitis

Kidney

Nephropathy

Liver

Cytoplasmic Vacuolization

Bile Duct

Hyperplasia, Nos

Pancreas

Acinar-Cell Adenoma

Seminal vesicle

Atrophy, Nos

Skin

Lip Nos

Squamous Cell Papilloma

Testis

Interstitial-Cell Tumor

Unspecified

Fibroma

Multiple Organs Nos

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_029

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Pancreas

Testis

Thyroid

Unspecified

Myocardium Nos

Acinus

Multiple Organs Nos

Angiectasis

Inflammation, Chronic

Inflammation, Suppurative

Nephropathy

Hyperplasia, Focal

Interstitial-Cell Tumor

Cyst, Thyroglossal Duct

Hyperplasia, C Cell

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_030

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Heart

Myocardium Nos

Inflammation, Chronic

Kidney

Nephropathy

Testis

Interstitial-Cell Tumor

Thyroid

Hyperplasia, C Cell

Unspecified

Multiple Organs Nos

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_031

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Heart		Fibrosis, Focal
Kidney		Nephropathy
		Pigmentation, Nos
Pancreas		Atrophy, Focal
Skin		Keratoacanthoma
Stomach	Forestomach	Hyperkeratosis
	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Acute
Testis		Interstitial-Cell Tumor
Thyroid	Follicle	Pigmentation, Nos
Unspecified		Fibroma
Zymbal gland		Carcinoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_032

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Mammary gland		Cystic Ducts
Pancreas	Acinus	Hyperplasia, Nos
Testis		Interstitial-Cell Tumor
	Spermatic Cord Nos	Mesothelioma, Nos
	Tunica Vaginalis	Mesothelioma, Nos
Thyroid		Follicular-Cell Carcinoma
Unspecified		Fibroma
	Multiple Organs Nos	Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_033

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Pituitary gland

Myocardium Nos

Bile Duct

Acidophil Cell

Testis

Unspecified

Multiple Organs Nos

Angiectasis

Inflammation, Chronic

Nephropathy

Hyperplasia, Nos

Adenoma, Nos

Angiectasis

Hyperplasia, Nos

Interstitial-Cell Tumor

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_034

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Pancreas	Acinus	Hyperplasia, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_035

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Mammary gland

Pituitary gland

Testis

Unspecified

Myocardium Nos

Multiple Organs Nos

Pheochromocytoma

Inflammation, Chronic

Nephropathy

Angiectasis

Cystic Ducts

Adenoma, Nos

Angiectasis

Interstitial-Cell Tumor

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_036

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Intestine Small	Mesentery Nos	Periarteritis
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Pancreas	Acinus	Hyperplasia, Nos
		Periarteritis
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_037

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization Pheochromocytoma
Heart	Myocardium Nos	Inflammation, Chronic
Kidney	Cortex	Cyst, Nos Nephropathy
Mammary gland	Mammary Duct	Hemorrhage
Prostate		Dilatation, Nos
Skin		Keratoacanthoma
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
	Multiple Organs Nos	Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_038

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Pancreas

Testis

Unspecified

Myocardium Nos

Acinus

Acinus

Multiple Organs Nos

Pheochromocytoma

Inflammation, Chronic

Nephropathy

Atrophy, Nos

Hyperplasia, Focal

Interstitial-Cell Tumor

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_039

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hemorrhage, Chronic
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Mammary gland		Cystic Ducts
Pituitary gland		Adenoma, Nos
		Angiectasis
Prostate		Inflammation, Suppurative
Stomach	Forestomach	Hyperkeratosis
	Forestomach	Hyperplasia, Papillary
	Forestomach	Inflammation, Acute/Chronic
	Forestomach	Ulcer, Nos
Testis		Atrophy, Nos
Unspecified	Multiple Organs Nos	Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_040

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Lung

Pancreas

Testis

Unspecified

Myocardium Nos

Acinus

Multiple Organs Nos

Pheochromocytoma

Inflammation, Chronic

Nephropathy

Congestion, Nos

Acinar-Cell Adenoma

Hyperplasia, Nos

Interstitial-Cell Tumor

Hemangioma

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_041

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Heart	Myocardium Nos	Inflammation, Chronic
Intestine Small	Mesentery Nos	Steatitis
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Congestion, Nos
Pancreas	Acinus	Atrophy, Nos
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_042

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Pancreas

Testis

Thyroid

Unspecified

Myocardium Nos

Bile Duct

Multiple Organs Nos

Pheochromocytoma

Inflammation, Chronic

Nephropathy

Hyperplasia, Nos

Acinar-Cell Adenoma

Interstitial-Cell Tumor

C-Cell Adenoma

Hemorrhage

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_043

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Lymph node	Bronchial Lymph Node	Hyperplasia, Lymphoid
Pancreas	Acinus	Atrophy, Nos
	Acinus	Hyperplasia, Nos
Pituitary gland		Adenoma, Nos
		Angiectasis
Seminal vesicle		Atrophy, Nos
Testis		Interstitial-Cell Tumor
Unspecified		Fibroma
	Multiple Organs Nos	Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_044

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Liver

Bile Duct

Hyperplasia, Nos

Lung

Necrosis, Coagulative

Prostate

Congestion, Nos

Thyroid

Inflammation, Suppurative

Unspecified

Multiple Organs Nos

Follicular-Cell Adenoma

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_045

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Testis		Interstitial-Cell Tumor
Unspecified		Lipoma
	Multiple Organs Nos	Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_046

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Heart

Myocardium Nos

Inflammation, Chronic

Kidney

Nephropathy

Prostate

Inflammation, Chronic

Testis

Interstitial-Cell Tumor

Thyroid

C-Cell Adenoma

Unspecified

Multiple Organs Nos

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_047

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Bone marrow

Heart

Intestine Small

Kidney

Mammary gland

Pancreas

Prostate

Spleen

Testis

Thyroid

Unspecified

Myocardium Nos

Mesentery Nos

Acinus

Multiple Organs Nos

Pheochromocytoma

Lymphoma, Histiocytic-Malignant Type

Inflammation, Chronic

Steatitis

Nephropathy

Fibroadenoma

Hyperplasia, Nos

Inflammation, Chronic

Hematopoiesis

Atrophy, Nos

Interstitial-Cell Tumor

Hyperplasia, C Cell

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_048

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Focal

Heart

Myocardium Nos

Inflammation, Chronic

Kidney

Nephropathy

Liver

Bile Duct

Hyperplasia, Nos

Pituitary gland

Adenoma, Nos

Angiectasis

Testis

Interstitial-Cell Tumor

Thyroid

Hyperplasia, C Cell

Unspecified

Multiple Organs Nos

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_049

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Pituitary gland

Prostate

Seminal vesicle

Testis

Unspecified

Myocardium Nos

Bile Duct

Multiple Organs Nos

Pheochromocytoma

Inflammation, Chronic

Nephropathy

Hyperplasia, Nos

Acidophil Adenoma

Hyperplasia, Focal

Inflammation, Suppurative

Atrophy, Nos

Interstitial-Cell Tumor

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_050

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver		Cytoplasmic Vacuolization
	Bile Duct	Hyperplasia, Nos
Pancreas	Acinus	Atrophy, Nos
Pituitary gland		Angiectasis
		Hyperplasia, Focal
Preputial gland		Cystic Ducts
		Inflammation, Chronic
Prostate		Inflammation, Suppurative
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_001

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Leukemia, Mononuclear Cell
Lung		Alveolar/Bronchiolar Adenoma
		Hyperplasia, Adenomatous
		Pigmentation, Nos
Pancreas		Acinar-Cell Adenoma
	Acinus	Atrophy, Focal
	Acinus	Hyperplasia, Focal
Spleen		Congestion, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified		Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_002

TRT#: 3

DOSE: 0

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Oral mucosa	Soft Palate	Squamous Cell Papilloma
Spleen		Fibrosis, Focal
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_003

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Mammary gland		Fibroadenoma
Pancreas		Acinar-Cell Adenoma
	Acinus	Hyperplasia, Nos
Stomach	Omentum Nos	Steatitis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_004

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver		Hemorrhage
	Bile Duct	Hyperplasia, Nos
Pancreas	Acinus	Atrophy, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_005

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Intestine Small

Kidney

Liver

Lung

Mammary gland

Pancreas

Pituitary gland

Testis

Myocardium Nos

Mesentery Nos

Bile Duct

Pheochromocytoma

Inflammation, Chronic

Steatitis

Nephropathy

Hyperplasia, Nos

Congestion, Nos

Fibroadenoma

Acinar-Cell Adenoma

Hyperplasia, Focal

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_006

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Pituitary gland

Prostate

Skin

Testis

Thyroid

Unspecified

Myocardium Nos

Bile Duct

Multiple Organs Nos

Pheochromocytoma

Inflammation, Chronic

Nephropathy

Hyperplasia, Nos

Hyperplasia, Focal

Hyperplasia, Epithelial

Fibrosis

Sebaceous Adenocarcinoma

Interstitial-Cell Tumor

C-Cell Carcinoma

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_007

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis, Diffuse
Kidney		Nephropathy
Liver		Cytoplasmic Vacuolization
	Bile Duct	Hyperplasia, Nos
Lung		Hyperplasia, Alveolar Epithelium

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_008

TRT#: 3

DOSE: 0

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Brain		Hemorrhage
		Necrosis, Nos
Kidney	Pelvis	Hemorrhage
		Nephrosis, Hydro
Mammary gland		Cystic Ducts
Pituitary gland		Adenoma, Nos
		Angiectasis
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Urinary bladder		Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

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

Intestine Large

Colon

Hyperplasia, Lymphoid

Kidney

Nephropathy

Liver

Cytoplasmic Vacuolization

Bile Duct

Hyperplasia, Nos

Prostate

Inflammation, Suppurative

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_010

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Medulla

Ganglioneuroma

Heart

Myocardium Nos

Inflammation, Chronic

Intestine Small

Mesentery Nos

Steatitis

Kidney

Nephropathy

Pituitary gland

Adenoma, Nos

Prostate

Inflammation, Chronic Suppurative

Testis

Interstitial-Cell Tumor

Thyroid

Hyperplasia, C Cell

Unspecified

Ear

Neurofibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_011

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Lymph node

Inguinal Lymph Node

Hyperplasia, Lymphoid

Mesenteric Lymph Node

Lymphangiectasis

Preputial gland

Hyperplasia, Nos

Inflammation, Chronic Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

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

Intestine Small

Peyers Patch

Hyperplasia, Lymphoid

Kidney

Nephropathy

Pancreas

Acinar-Cell Adenoma

Acinus

Hyperplasia, Nos

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

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

Lung

Pancreas

Pituitary gland

Testis

Thyroid

Unspecified

Myocardium Nos

Mediastinal Pleura

Acinus

Mediastinum Nos

Diaphragm Nos

Pheochromocytoma

Inflammation, Chronic

Nephropathy

Inflammation, Chronic

Acinar-Cell Adenoma

Hyperplasia, Focal

Angiectasis

Interstitial-Cell Tumor

Hyperplasia, C Cell

Hemorrhage

Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_014

TRT#: 3

DOSE: 0

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Mammary gland

Pancreas

Pituitary gland

Spleen

Testis

Thyroid

Myocardium Nos

Acinus

Acinus

Pheochromocytoma

Inflammation, Chronic

Nephropathy

Cystic Ducts

Atrophy, Nos

Hyperplasia, Nos

Angiectasis

Carcinoma, Nos

Fibrosis, Focal

Hyperplasia, Interstitial Cell

Interstitial-Cell Tumor

C-Cell Adenoma

Cyst, Thyroglossal Duct

PRIMARY CAUSE OF DEATH

-

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

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

Heart

Myocardium Nos

Inflammation, Chronic

Testis

Interstitial-Cell Tumor

Thyroid

C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_016

TRT#: 3

DOSE: 0

SEX: Male

DISP: Natural Death

DAY ON TEST:

HISTO:

OBSERVATIONS

Eye

Cataract

Hemorrhage

Retinopathy

Heart

Fibrosis, Focal

Liver

Bile Duct

Hyperplasia, Nos

Mammary gland

Cystic Ducts

Pituitary gland

Adenoma, Nos

Prostate

Angiectasis

Testis

Inflammation, Acute Suppurative

Thyroid

Interstitial-Cell Tumor

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

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

Cortex Nos

Focal Cellular Change

Heart

Myocardium Nos

Inflammation, Chronic

Kidney

Nephropathy

Mammary gland

Fibroadenoma

Pancreas

Acinus

Hyperplasia, Focal

Pituitary gland

Angiectasis

Testis

Hyperplasia, Focal

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_018

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart

Myocardium Nos

Fibrosis, Diffuse

Lung

Congestion, Nos

Foreign Body, Nos

Pneumonia, Aspiration

Mammary gland

Fibroadenoma

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_019

TRT#: 3

DOSE: 0

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Pancreas

Pituitary gland

Skin

Testis

Thyroid

Myocardium Nos

Bile Duct

Acinus

Pheochromocytoma

Inflammation, Chronic

Nephropathy

Hyperplasia, Nos

Hyperplasia, Nos

Adenoma, Nos

Cyst, Epidermal Inclusion

Interstitial-Cell Tumor

Cystic Follicles

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_020

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Pancreas

Pituitary gland

Prostate

Skin

Testis

Myocardium Nos

Acinus

Eyelid Nos

Pheochromocytoma

Inflammation, Chronic

Nephropathy

Cytoplasmic Vacuolization

Neoplastic Nodule

Acinar-Cell Adenoma

Hyperplasia, Nos

Acidophil Adenoma

Inflammation, Suppurative

Inflammation, Chronic

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_021

TRT#: 3

DOSE: 0

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Angiectasis

Cortical Adenoma

Heart

Myocardium Nos

Inflammation, Chronic

Intestine Small

Peyers Patch

Hyperplasia, Lymphoid

Kidney

Nephropathy

Pituitary gland

Angiectasis

Hyperplasia, Focal

Testis

Interstitial-Cell Tumor

Thyroid

C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_022

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Preputial gland

Testis

Thyroid

Unspecified

Myocardium Nos

Bile Duct

Multiple Organs Nos

Pheochromocytoma

Inflammation, Chronic

Nephropathy

Hyperplasia, Nos

Neoplastic Nodule

Cystic Ducts

Interstitial-Cell Tumor

Hyperplasia, C Cell

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_023

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver		Cytoplasmic Vacuolization
Pancreas	Acinus	Atrophy, Nos
Preputial gland		Adenoma, Nos
		Cystic Ducts
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Follicular-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_024

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Lung

Pancreas

Skeletal muscle

Spleen

Testis

Myocardium Nos

Islets

Leg

Pheochromocytoma

Inflammation, Chronic

Rhabdomyosarcoma, Metastatic

Acinar-Cell Adenoma

Islet-Cell Carcinoma

Rhabdomyosarcoma

Hematopoiesis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

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

Heart	Myocardium Nos	Inflammation, Chronic
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Mammary gland		Fibroadenoma
Pancreas		Ectopia
	Acinus	Hyperplasia, Focal
Skin	Thigh	Fibroma
	Thigh	Keratoacanthoma
Testis		Interstitial-Cell Tumor
Thyroid		Follicular-Cell Adenoma
Unspecified		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

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

Adrenal gland

Heart

Kidney

Mammary gland

Pancreas

Myocardium Nos

Acinus

Islets

Pituitary gland

Prostate

Testis

Unspecified

Groin

Pheochromocytoma

Inflammation, Chronic

Nephropathy

Fibroadenoma

Acinar-Cell Adenoma

Acinar-Cell Carcinoma

Hyperplasia, Nos

Islet-Cell Adenoma

Hyperplasia, Focal

Inflammation, Acute/Chronic

Interstitial-Cell Tumor

Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_027

TRT#: 3

DOSE: 0

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Lung

Pancreas

Testis

Thyroid

Myocardium Nos

Pheochromocytoma

Inflammation, Chronic

Nephropathy

Alveolar/Bronchiolar Adenoma

Acinar-Cell Adenoma

Interstitial-Cell Tumor

C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

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

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
		Scar
Liver	Bile Duct	Hyperplasia, Nos
Mammary gland		Cystic Ducts
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

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

Eye

Heart

Kidney

Lung

Mammary gland

Pancreas

Pituitary gland

Prostate

Testis

Myocardium Nos

Islets

Cortical Adenoma

Cataract

Retinopathy

Inflammation, Chronic

Nephropathy

Inflammation, Granulomatous Focal

Cystic Ducts

Islet-Cell Adenoma

Adenoma, Nos

Angiectasis

Inflammation, Suppurative

Hyperplasia, Interstitial Cell

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_030

TRT#: 3

DOSE: 0

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Testis

Thyroid

Myocardium Nos

Pheochromocytoma

Inflammation, Chronic

Nephropathy

Focal Cellular Change

Interstitial-Cell Tumor

C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_031

TRT#: 3

DOSE: 0

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Pituitary gland

Stomach

Thyroid

Myocardium Nos

Submucosa

Pheochromocytoma

Inflammation, Chronic

Nephropathy

Cytoplasmic Vacuolization

Hyperplasia, Adenomatous

Adenoma, Nos

Angiectasis

Inflammation, Chronic

C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

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

Cortex Nos

Focal Cellular Change

Heart

Myocardium Nos

Inflammation, Chronic

Kidney

Nephropathy

Liver

Cytoplasmic Vacuolization

Bile Duct

Hyperplasia, Nos

Pancreas

Acinus

Atrophy, Focal

Skin

Back

Squamous Cell Carcinoma

Neck

Steatitis

Testis

Interstitial-Cell Tumor

Thyroid

C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_033

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Liver		Cytoplasmic Vacuolization
Lung		Congestion, Nos
Pancreas		Hyperplasia, Focal
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

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

Adrenal gland

Brain

Kidney

Liver

Bile Duct

Spleen

Testis

Thyroid

Unspecified

Multiple Organs Nos

Pheochromocytoma

Hemorrhage

Nephropathy

Hyperplasia, Nodular

Hyperplasia, Nos

Neoplastic Nodule

Accessory Structure

Atrophy, Nos

Interstitial-Cell Tumor

C-Cell Adenoma

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_035

TRT#: 3

DOSE: 0

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Liver

Testis

Myocardium Nos

Bile Duct

Pheochromocytoma

Inflammation, Chronic

Hyperplasia, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_036

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Pancreas		Acinar-Cell Adenoma
	Acinus	Hyperplasia, Nos
Skeletal muscle	Thorax	Lipoma
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_037

TRT#: 3

DOSE: 0

SEX: Male

DISP: Natural Death

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Brain

Heart

Kidney

Liver

Pituitary gland

Myocardium Nos

Bile Duct

Cytoplasmic Vacuolization

Carcinoma, Nos, Invasive

Inflammation, Chronic

Nephropathy

Hyperplasia, Nos

Angiectasis

Carcinoma, Nos

Hemosiderosis

Interstitial-Cell Tumor

Cyst, Thyroglossal Duct

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_038

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Mammary gland

Seminal vesicle

Testis

Thyroid

Myocardium Nos

Bile Duct

Pheochromocytoma

Inflammation, Chronic

Nephropathy

Hyperplasia, Nos

Fibroadenoma

Atrophy, Nos

Interstitial-Cell Tumor

C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_039

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Dosing Accident

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Testis

Myocardium Nos

Bile Duct

Pheochromocytoma

Inflammation, Chronic

Nephropathy

Hepatocellular Carcinoma

Hyperplasia, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

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

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver		Cytoplasmic Vacuolization
	Bile Duct	Hyperplasia, Nos
Pancreas		Acinar-Cell Adenoma
	Acinus	Hyperplasia, Focal
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

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

Blood vessel

Heart

Intestine Small

Kidney

Liver

Mammary gland

Prostate

Spleen

Testis

Thymus

Thyroid

Unspecified

Mesenteric Artery Nos

Myocardium Nos

Mesentery Nos

Bile Duct

Multiple Organs Nos

Pheochromocytoma

Inflammation, Chronic

Inflammation, Chronic

Periarteritis

Nephropathy

Hyperplasia, Nos

Cystic Ducts

Inflammation, Chronic

Necrosis, Ischemic

Interstitial-Cell Tumor

Metaplasia, Osseous

C-Cell Adenoma

Hyperplasia, C Cell

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

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	Focal Cellular Change Pheochromocytoma
Heart	Myocardium Nos Atrium	Inflammation, Chronic Thrombus, Mural
Kidney		Cyst, Nos Nephropathy
Lymph node	Mandibular Lymph Node Cervical Lymph Node Nos	Hemorrhage Hyperplasia, Nos
Pancreas	Acinus	Atrophy, Nos
Pituitary gland		Adenoma, Nos
Prostate		Inflammation, Suppurative
Skin	Thigh	Keratoacanthoma
Testis		Interstitial-Cell Tumor
Thyroid	Follicle	Hyperplasia, Cystic
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_043

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Mesentery Nos

Steatitis

Kidney

Nephropathy

Mammary gland

Cystic Ducts

Pancreas

Islets

Islet-Cell Adenoma

Testis

Hyperplasia, Interstitial Cell

Unspecified

Multiple Organs Nos

Interstitial-Cell Tumor

Neurilemoma, Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

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

Heart
Mammary gland

Myocardium Nos

Inflammation, Chronic
Adenosis
Fibroadenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

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

Brain		Hemorrhage
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

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

Intestine Small

Kidney

Liver

Pituitary gland

Testis

Thyroid

Unspecified

Myocardium Nos

Mesentery Nos

Bile Duct

Multiple Organs Nos

Pheochromocytoma

Inflammation, Chronic

Steatitis

Nephropathy

Hyperplasia, Nos

Adenoma, Nos

Angiectasis

Interstitial-Cell Tumor

Hyperplasia, C Cell

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_047

TRT#: 3

DOSE: 0

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver		Cytoplasmic Vacuolization
Pituitary gland		Adenoma, Nos
Testis		Interstitial-Cell Tumor
Unspecified		Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

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

Pheochromocytoma

Heart

Myocardium Nos

Inflammation, Chronic

Intestine Small

Mesentery Nos

Steatitis

Kidney

Nephropathy

Pancreas

Acinus

Atrophy, Focal

Testis

Aspermatogenesis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_049

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Liver

Lung

Mammary gland

Pituitary gland

Bile Duct

Nephropathy

Hyperplasia, Nos

Squamous Cell Carcinoma

Cystic Ducts

Angiectasis

Carcinoma, Nos

Hemosiderosis

Inflammation, Acute/Chronic

Interstitial-Cell Tumor

Prostate

Testis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54922

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC red 3

CAS Number: 2871-01-4

Date Report Requested: 10/26/2014

Time Report Requested: 15:06:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_050

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart

Myocardium Nos

Inflammation, Chronic

Lung

Congestion, Nos

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****

* PROTOCOL REQUIRED TISSUE