

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:14

First Dose M/F: NA / NA

Lab: NA

C Number: C04159

Cage Range: All

Date Range: All

Reasons For Removal: All

Removal Date Range: All

Treatment Groups: All

Study Gender: Male

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_001

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Focal

Heart

Myocardium Nos

Inflammation, Chronic

Kidney

Tubule

Pigmentation, Nos

Testis

Interstitial-Cell Tumor

Thyroid

Follicle

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_002

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
	Follicle	Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_003

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Eye

Heart

Intestine Small

Kidney

Prostate

Stomach

Thyroid

Myocardium Nos

Mesentery Nos

Tubule

Forestomach

Follicle

Pheochromocytoma

Cataract

Retinopathy

Inflammation, Chronic

Steatitis

Nephropathy

Pigmentation, Nos

Inflammation, Suppurative

Squamous Cell Papilloma

C-Cell Adenoma

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_004

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Testis

Thyroid

Myocardium Nos

Tubule

Follicle

Pheochromocytoma

Inflammation, Chronic

Nephropathy

Pigmentation, Nos

Cytoplasmic Change, Basophilic

Interstitial-Cell Tumor

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_005

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Heart

Myocardium Nos

Pheochromocytoma

Kidney

Myocardium Nos

Inflammation, Chronic

Liver

Mineralization

Inflammation, Chronic Diffuse

Mammary gland

Necrosis, Coagulative

Pancreas

Neoplastic Nodule

Parathyroid gland

Cystic Ducts

Thyroid

Follicle

Periarteritis

Hyperplasia, Nos

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_006

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Heart

Myocardium Nos

Inflammation, Chronic

Kidney

Tubule

Nephropathy

Liver

Pigmentation, Nos

Cytoplasmic Vacuolization

Skin

Basal-Cell Tumor

Testis

Interstitial-Cell Tumor

Thyroid

C-Cell Carcinoma

Unspecified

Follicle

Pigmentation, Nos

Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_007

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Eye

Heart

Kidney

Liver

Pituitary gland

Prostate

Testis

Thyroid

Myocardium Nos

Tubule

Follicle

Angiectasis

Cataract

Retinopathy

Inflammation, Chronic

Nephropathy

Pigmentation, Nos

Neoplastic Nodule

Adenoma, Nos

Angiectasis

Inflammation, Suppurative

Interstitial-Cell Tumor

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_008

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Brain	Cerebrum	Hemorrhage
Heart	Myocardium Nos	Inflammation, Chronic
Intestine Small	Mesentery Nos	Steatitis
Kidney		Inflammation, Chronic
	Tubule	Pigmentation, Nos
Liver		Fibrosis, Cholangio
		Leukemia, Nos
		Regeneration, Nodular
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thymus		Depletion, Lymphoid
Thyroid		Atrophy, Nos
	Follicle	Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_009

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Pheochromocytoma

Heart

Myocardium Nos

Pheochromocytoma, Malignant

Kidney

Inflammation, Chronic

Prostate

Tubule

Nephropathy

Testis

Pigmentation, Nos

Thyroid

Inflammation, Suppurative

Interstitial-Cell Tumor

C-Cell Adenoma

Follicle

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_010

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Eye

Heart

Kidney

Liver

Testis

Thyroid

Myocardium Nos

Tubule

Follicle

Pheochromocytoma

Cataract

Retinopathy

Inflammation, Chronic

Nephropathy

Pigmentation, Nos

Hepatocellular Carcinoma

Interstitial-Cell Tumor

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_011

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Pheochromocytoma
Eye		Hemorrhage
		Retinopathy
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Vacuolization
Lung		Alveolar/Bronchiolar Adenoma
Mammary gland		Cystic Ducts
		Fibrosis
Pancreas	Islets	Islet-Cell Adenoma
Stomach	Forestomach	Squamous Cell Carcinoma
Testis		Interstitial-Cell Tumor
Thyroid	Follicle	Pigmentation, Nos
Tongue		Squamous Cell Carcinoma
Unspecified		Fibrosis, Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_012

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye

Cataract

Heart

Myocardium Nos

Retinopathy

Kidney

Inflammation, Chronic

Nephropathy

Tubule

Pigmentation, Nos

Lung

Hyperplasia, Adenomatous

Testis

Interstitial-Cell Tumor

Thyroid

C-Cell Adenoma

Follicle

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_013

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Eye

Heart

Kidney

Myocardium Nos

Tubule

Lung

Pancreas

Testis

Thyroid

Follicle

Pheochromocytoma

Retinopathy

Inflammation, Chronic

Nephropathy

Pigmentation, Nos

Inflammation, Interstitial

Atrophy, Focal

Interstitial-Cell Tumor

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_014

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Eye

Heart

Kidney

Liver

Testis

Thyroid

Myocardium Nos

Tubule

Follicle

Cytoplasmic Vacuolization

Cataract

Retinopathy

Inflammation, Chronic

Nephropathy

Pigmentation, Nos

Cytoplasmic Vacuolization

Interstitial-Cell Tumor

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_015

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Eye

Heart

Kidney

Pituitary gland

Testis

Thyroid

Myocardium Nos

Tubule

Follicle

Pheochromocytoma

Cataract

Retinopathy

Inflammation, Chronic

Nephropathy

Pigmentation, Nos

Hyperplasia, Focal

Interstitial-Cell Tumor

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_016

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye

Cataract

Heart

Myocardium Nos

Retinopathy

Kidney

Inflammation, Chronic

Liver

Tubule

Nephropathy

Preputial gland

Pigmentation, Nos

Testis

Cytoplasmic Vacuolization

Thyroid

Adenoma, Nos

Inflammation, Suppurative

Interstitial-Cell Tumor

Hyperplasia, C Cell

Follicle

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_017

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Eye

Kidney

Liver

Lung

Testis

Thyroid

Tubule

Follicle

Pheochromocytoma

Cataract

Retinopathy

Nephropathy

Pigmentation, Nos

Cytoplasmic Vacuolization

Hyperplasia, Adenomatous

Hyperplasia, Interstitial Cell

Interstitial-Cell Tumor

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_018

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye

Cataract

Intestine Small

Mesentery Nos

Retinopathy

Kidney

Steatitis

Liver

Tubule

Nephropathy

Testis

Pigmentation, Nos

Thyroid

Follicle

Hepatocellular Carcinoma

Interstitial-Cell Tumor

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_019

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Eye

Cortex Nos

Cytoplasmic Vacuolization
Cataract

Heart
Kidney

Myocardium Nos

Retinopathy
Inflammation, Chronic
Nephropathy

Lung
Pancreas

Tubule

Pigmentation, Nos
Hyperplasia, Adenomatous

Testis
Thyroid

Follicle

Atrophy, Nos
Interstitial-Cell Tumor
Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_020

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Medulla

Hyperplasia, Focal

Bone

Femur

Fibrous Osteodystrophy

Eye

Crystalline Lens

Cataract

Retinopathy

Heart

Myocardium Nos

Inflammation, Chronic

Intestine Small

Mesentery Nos

Steatitis

Kidney

Inflammation, Chronic Diffuse

Parathyroid gland

Hyperplasia, Nos

Testis

Atrophy, Nos

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Mineralization

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_021

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Eye

Kidney

Liver

Skin

Testis

Thyroid

Tubule

Follicle

Pheochromocytoma

Cataract

Retinopathy

Nephropathy

Pigmentation, Nos

Cytoplasmic Vacuolization

Focal Cellular Change

Basal-Cell Carcinoma

Interstitial-Cell Tumor

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_022

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Eye

Medulla

Hyperplasia, Focal
Cataract

Heart
Kidney

Myocardium Nos

Retinopathy
Inflammation, Chronic
Nephropathy

Testis
Thyroid

Tubule

Pelvis

Pigmentation, Nos
Transitional-Cell Papilloma

Follicle

Interstitial-Cell Tumor
Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_023

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye		Cataract
		Retinopathy
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Lung		Alveolar/Bronchiolar Adenoma
Testis		Interstitial-Cell Tumor
Thyroid		Cystic Follicles
	Follicle	Hyperplasia, C Cell
		Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_024

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart
Preputial gland

Myocardium Nos

Inflammation, Chronic
Adenoma, Nos
Inflammation, Chronic Suppurative

Testis
Unspecified

Multiple Organs Nos

Interstitial-Cell Tumor
Leukemia, Monocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_025

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Eye

Cortex Nos

Focal Cellular Change
Cataract
Retinopathy

Heart
Kidney

Myocardium Nos

Inflammation, Chronic
Nephropathy

Lung
Testis

Tubule

Pigmentation, Nos
Hyperplasia, Adenomatous

Thyroid

Follicle

Interstitial-Cell Tumor
Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_026

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Heart

Myocardium Nos

Pheochromocytoma

Intestine Large

Colon

Inflammation, Chronic

Kidney

Tubule

Parasitism

Lung

Nephropathy

Testis

Pigmentation, Nos

Thyroid

Follicle

Hyperplasia, Adenomatous

Interstitial-Cell Tumor

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_027

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Eye

Cortex Nos

Focal Cellular Change
Cataract
Retinopathy

Kidney

Tubule

Nephropathy
Pigmentation, Nos
Focal Cellular Change
Inflammation, Suppurative

Pituitary gland
Prostate

Testis

Interstitial-Cell Tumor

Thyroid

Follicle

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_028

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Testis

Thyroid

Zymbal gland

Follicle

Nephrosis, Nos

Interstitial-Cell Tumor

Pigmentation, Nos

Squamous Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_029

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Eye

Heart

Kidney

Prostate

Testis

Thyroid

Myocardium Nos

Tubule

Follicle

Pheochromocytoma, Malignant

Cataract

Retinopathy

Inflammation, Chronic

Nephropathy

Pigmentation, Nos

Inflammation, Suppurative

Interstitial-Cell Tumor

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_030

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Large
Kidney

Pancreas
Prostate
Testis
Thyroid

Cortex Nos
Myocardium Nos
Colon

Tubule

Follicle

Cytoplasmic Vacuolization
Inflammation, Chronic
Parasitism
Nephropathy
Pigmentation, Nos
Atrophy, Nos
Inflammation, Suppurative
Interstitial-Cell Tumor
C-Cell Adenoma
Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_031

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Tubular-Cell Adenocarcinoma

Thyroid

Follicle

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_032

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Cytoplasmic Vacuolization Pheochromocytoma
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Cyst, Nos Nephropathy
	Tubule	Pigmentation, Nos
Liver		Hepatocellular Carcinoma
Lung		Hyperplasia, Adenomatous Pigmentation, Nos
Testis		Atrophy, Nos Interstitial-Cell Tumor
	Tunica Vaginalis	Mesothelioma, Nos
Thyroid	Follicle	Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_033

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Nos
Pituitary gland		Adenoma, Nos
		Angiectasis
Prostate		Inflammation, Suppurative
Thyroid	Follicle	Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_034

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Focal

Heart

Myocardium Nos

Inflammation, Chronic

Kidney

Nephropathy

Testis

Tubule

Pigmentation, Nos

Scrotum Nos

Inflammation, Chronic

Thyroid

Scrotum Nos

Interstitial-Cell Tumor

Follicle

Ulcer, Nos

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_035

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney

Medulla
Myocardium Nos

Hyperplasia, Focal
Inflammation, Chronic
Nephropathy

Liver
Pituitary gland

Tubule

Pigmentation, Nos
Degeneration, Cystic
Adenoma, Nos

Skin
Spleen
Testis

Keratoacanthoma
Hyperplasia, Lymphoid
Interstitial-Cell Tumor

Thyroid

Follicle

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_036

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Preputial gland

Testis

Thyroid

Myocardium Nos

Tubule

Follicle

Pheochromocytoma

Inflammation, Chronic

Nephropathy

Pigmentation, Nos

Angiectasis

Neoplastic Nodule

Hyperplasia, Adenomatous

Carcinoma, Nos

Inflammation, Chronic

Interstitial-Cell Tumor

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_037

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Intestine Small	Mesentery Nos	Steatitis
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Pancreas	Acinus	Hyperplasia, Focal
Thyroid		C-Cell Adenoma
		C-Cell Carcinoma
	Follicle	Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_038

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Lung

Pancreas

Preputial gland

Testis

Thyroid

Myocardium Nos

Tubule

Follicle

Pheochromocytoma

Inflammation, Chronic

Nephropathy

Pigmentation, Nos

Alveolar/Bronchiolar Carcinoma

Atrophy, Nos

Cystic Ducts

Inflammation, Suppurative

Interstitial-Cell Tumor

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_039

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Skin		Sebaceous Adenocarcinoma
Testis		Interstitial-Cell Tumor
Thyroid	Follicle	Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_040

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye		Cataract
		Retinopathy
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Testis		Interstitial-Cell Tumor
Thyroid	Follicle	Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_041

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Small
Kidney

Medulla
Myocardium Nos
Mesentery Nos

Tubule

Liver
Testis
Thyroid

Follicle

Hyperplasia, Focal
Inflammation, Chronic
Steatitis
Nephropathy
Pigmentation, Nos
Cytoplasmic Vacuolization
Interstitial-Cell Tumor
Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_042

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye

Cataract

Heart

Retinopathy

Intestine Small

Myocardium Nos

Inflammation, Chronic

Kidney

Mesentery Nos

Steatitis

Pancreas

Tubule

Nephropathy

Testis

Pigmentation, Nos

Atrophy, Focal

Thyroid

Follicle

Interstitial-Cell Tumor

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_043

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Preputial gland		Cystic Ducts
		Inflammation, Chronic Suppurative
Testis		Interstitial-Cell Tumor
Thyroid	Follicle	Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_044

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver	Bile Duct	Hyperplasia, Nos
Testis		Interstitial-Cell Tumor
Thyroid	Follicle	Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_045

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Heart

Myocardium Nos

Inflammation, Chronic

Intestine Small

Mesentery Nos

Hemangiosarcoma

Kidney

Tubule

Nephropathy

Pituitary gland

Pigmentation, Nos

Prostate

Carcinoma, Nos

Testis

Inflammation, Suppurative

Thyroid

Follicle

Interstitial-Cell Tumor

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_046

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Focal

Pheochromocytoma

Heart

Myocardium Nos

Inflammation, Chronic

Kidney

Nephropathy

Tubule

Pigmentation, Nos

Liver

Cytoplasmic Vacuolization

Leukocytosis, Nos

Preputial gland

Atrophy, Nos

Carcinoma, Nos

Testis

Hyperplasia, Interstitial Cell

Interstitial-Cell Tumor

Thyroid

Follicle

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_047

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Liver

Cytoplasmic Vacuolization

Bile Duct

Hyperplasia, Nos

Mammary gland

Necrosis, Coagulative

Testis

Cystic Ducts

Thyroid

Interstitial-Cell Tumor

Unspecified

Follicle

Pigmentation, Nos

Multiple Organs Nos

Leukemia, Monocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_048

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Preputial gland

Inflammation, Chronic Suppurative

Testis
Interstitial-Cell Tumor

Thyroid
Follicle
Pigmentation, Nos

Unspecified
Multiple Organs Nos
Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_049

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Pancreas

Thyroid

Myocardium Nos

Tubule

Acinus

Follicle

Pheochromocytoma

Inflammation, Chronic

Nephropathy

Pigmentation, Nos

Hyperplasia, Focal

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_050

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Testis

Thyroid

Tubule

Follicle

Pheochromocytoma

Nephropathy

Pigmentation, Nos

Interstitial-Cell Tumor

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_001

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Intestine Small	Mesentery Nos	Steatitis
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Pancreas	Acinus	Atrophy, Nos
Testis		Interstitial-Cell Tumor
Thyroid	Follicle	Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_002

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Lung		Alveolar/Bronchiolar Adenoma
Pituitary gland		Acidophil Adenoma
Prostate		Inflammation, Suppurative
Testis		Interstitial-Cell Tumor
		Mineralization
		Necrosis, Nos
Thyroid		C-Cell Adenoma
	Follicle	Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_003

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Angiectasis

Cortical Adenoma

Pheochromocytoma

Heart

Myocardium Nos

Inflammation, Chronic

Kidney

Nephropathy

Liver

Tubule

Pigmentation, Nos

Pancreas

Focal Cellular Change

Skin

Atrophy, Focal

Testis

Cyst, Epidermal Inclusion

Thyroid

Follicle

Interstitial-Cell Tumor

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_004

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart

Myocardium Nos

Inflammation, Chronic

Kidney

Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_005

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Chronic
Mammary gland		Cystic Ducts
Pituitary gland		Adenoma, Nos
		Angiectasis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified		Fibroma
	Multiple Organs Nos	Leukemia, Monocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_006

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Heart

Myocardium Nos

Inflammation, Chronic

Intestine Small

Mesentery Nos

Steatitis

Kidney

Inflammation, Chronic

Preputial gland

Carcinoma, Nos

Seminal vesicle

Carcinoma, Nos, Metastatic

Stomach

Forestomach

Edema, Nos

Testis

Interstitial-Cell Tumor

Thyroid

Follicle

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_007

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Medulla

Hyperplasia, Focal

Heart

Myocardium Nos

Inflammation, Chronic

Kidney

Tubule

Nephropathy

Skin

Pigmentation, Nos

Testis

Keratoacanthoma

Thyroid

Interstitial-Cell Tumor

Cystic Follicles

Follicle

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_008

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Nos
Pancreas	Islets	Islet-Cell Adenoma
Testis		Interstitial-Cell Tumor
Thyroid	Follicle	Pigmentation, Nos
Unspecified		Neurilemoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_009

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Lung

Pancreas

Prostate

Testis

Thyroid

Tubule

Islets

Follicle

Pheochromocytoma

Nephropathy

Pigmentation, Nos

Hyperplasia, Adenomatous

Islet-Cell Adenoma

Inflammation, Suppurative

Interstitial-Cell Tumor

Hyperplasia, C Cell

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_010

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Mesentery Nos

Steatitis

Kidney

Inflammation, Chronic

Liver

Cytoplasmic Vacuolization

Pituitary gland

Adenoma, Nos

Preputial gland

Cystic Ducts

Prostate

Inflammation, Suppurative

Stomach

Forestomach

Cyst, Nos

Forestomach

Hyperplasia, Epithelial

Forestomach

Ulcer, Chronic

Testis

Hyperplasia, Interstitial Cell

Thyroid

Follicle

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_011

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos Auricular Appendage Nos	Inflammation, Chronic Thrombus, Mural
Kidney	Tubule	Inflammation, Chronic Pigmentation, Nos
Testis		Interstitial-Cell Tumor
Thyroid		Follicular-Cell Adenoma
Unspecified	Follicle	Pigmentation, Nos Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_012

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Lung

Pancreas

Testis

Thyroid

Unspecified

Myocardium Nos

Tubule

Follicle

Lower Leg Nos

Pheochromocytoma

Inflammation, Chronic

Nephropathy

Pigmentation, Nos

Alveolar/Bronchiolar Carcinoma

Acinar-Cell Adenoma

Interstitial-Cell Tumor

C-Cell Adenoma

Pigmentation, Nos

Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_013

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Prostate

Testis

Thyroid

Myocardium Nos

Tubule

Follicle

Pheochromocytoma

Inflammation, Chronic

Nephropathy

Pigmentation, Nos

Inflammation, Suppurative

Interstitial-Cell Tumor

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_014

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Fibrosis, Focal
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Monocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_015

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Testis

Thyroid

Myocardium Nos

Tubule

Follicle

Pheochromocytoma

Inflammation, Chronic

Nephropathy

Pigmentation, Nos

Interstitial-Cell Tumor

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_016

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Testis

Thyroid

Myocardium Nos

Tubule

Follicle

Pheochromocytoma

Inflammation, Chronic

Nephropathy

Pigmentation, Nos

Cytoplasmic Vacuolization

Interstitial-Cell Tumor

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_017

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Intestine Small

Kidney

Testis

Thyroid

Unspecified

Myocardium Nos

Mesentery Nos

Tubule

Follicle

Multiple Organs Nos

Pheochromocytoma

Inflammation, Chronic

Necrosis, Fat

Nephropathy

Pigmentation, Nos

Interstitial-Cell Tumor

Pigmentation, Nos

Mesothelioma, Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_018

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Pituitary gland

Preputial gland

Prostate

Testis

Unspecified

Myocardium Nos

Tail

Pheochromocytoma

Inflammation, Chronic

Inflammation, Chronic

Congestion, Acute Passive

Necrosis, Coagulative

Adenoma, Nos

Angiectasis

Adenoma, Nos

Inflammation, Chronic Suppurative

Interstitial-Cell Tumor

Neurilemoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_019

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Small
Kidney

Mesentery Nos

Steatitis

Pancreas
Testis
Thyroid

Tubule

Nephropathy
Pigmentation, Nos
Atrophy, Nos
Interstitial-Cell Tumor
C-Cell Adenoma
Cyst, Thyroglossal Duct
Pigmentation, Nos

Follicle

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_020

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Bone marrow

Brain

Heart

Kidney

Prostate

Skin

Testis

Thyroid

Myocardium Nos

Tubule

Follicle

Pheochromocytoma

Thrombosis, Nos

Astrocytoma

Inflammation, Chronic

Nephropathy

Pigmentation, Nos

Inflammation, Chronic Suppurative

Basal-Cell Tumor

Interstitial-Cell Tumor

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_021

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Medulla

Focal Cellular Change

Heart

Myocardium Nos

Inflammation, Chronic

Kidney

Tubule

Nephropathy

Testis

Pigmentation, Nos

Thyroid

Interstitial-Cell Tumor

Hyperplasia, C Cell

Follicle

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_022

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Focal Cellular Change

Pheochromocytoma

Heart

Myocardium Nos

Inflammation, Chronic

Intestine Small

Mesentery Nos

Steatitis

Kidney

Tubule

Nephropathy

Pigmentation, Nos

Pituitary gland

Adenoma, Nos

Prostate

Inflammation, Suppurative

Stomach

Hemangiosarcoma

Testis

Interstitial-Cell Tumor

Thyroid

Follicle

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_023

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Nos
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thyroid		Cystic Follicles
	Follicle	Pigmentation, Nos
Unspecified	Tail	Keratoacanthoma
	Multiple Organs Nos	Leukemia, Monocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_024

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Stomach

Tubule

Pigmentation, Nos

Forestomach

Hyperplasia, Epithelial

Forestomach

Inflammation, Acute/Chronic

Forestomach

Ulcer, Nos

Testis

Interstitial-Cell Tumor

Thyroid

Follicle

Pigmentation, Nos

Unspecified

Multiple Organs Nos

Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_025

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Chronic
Testis		Interstitial-Cell Tumor
Thyroid	Follicle	Pigmentation, Nos
Unspecified		Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_026

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Interstitial
Testis		Interstitial-Cell Tumor
Thymus		Cyst, Nos
Thyroid	Follicle	Pigmentation, Nos
Unspecified	Multiple Organs Nos	Leukemia, Monocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_027

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Mammary gland		Cystic Ducts
Pituitary gland		Adenoma, Nos
		Angiectasis
Testis		Interstitial-Cell Tumor
Thyroid	Follicle	Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_028

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Chronic
Liver		Leukemia, Monocytic
Pituitary gland		Angiectasis
Preputial gland		Carcinoma, Nos
Thyroid	Follicle	Adenoma, Nos
		Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_029

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Pancreas	Islets	Islet-Cell Carcinoma
Testis		Interstitial-Cell Tumor
Thyroid	Follicle	Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_030

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Mammary gland

Preputial gland

Testis

Thyroid

Unspecified

Myocardium Nos

Tubule

Mammary Lobule

Follicle

Pheochromocytoma

Inflammation, Chronic

Nephropathy

Pigmentation, Nos

Cytoplasmic Vacuolization

Hyperplasia, Nos

Cystic Ducts

Atrophy, Nos

Interstitial-Cell Tumor

Pigmentation, Nos

Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_031

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Heart

Myocardium Nos

Inflammation, Chronic

Kidney

Nephropathy

Tubule

Pigmentation, Nos

Pancreas

Atrophy, Focal

Testis

Interstitial-Cell Tumor

Thyroid

Follicle

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_032

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Liver

Lung

Mammary gland

Skin

Testis

Thyroid

Unspecified

Tubule

Bile Duct

Nose

Follicle

Multiple Organs Nos

Pheochromocytoma, Malignant

Nephropathy

Pigmentation, Nos

Hyperplasia, Nos

Hyperplasia, Adenomatous

Fibroadenoma

Squamous Cell Papilloma

Interstitial-Cell Tumor

Pigmentation, Nos

Leukemia, Monocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_033

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Tubule

Pigmentation, Nos

Pancreas

Islets

Islet-Cell Adenoma

Testis

Interstitial-Cell Tumor

Thyroid

Follicle

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_034

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Intestine Small
Kidney
Liver
Testis
Thymus
Thyroid
Unspecified

Cortex Nos
Mesentery Nos

Lymphocytes
Follicle
Multiple Organs Nos

Cytoplasmic Vacuolization
Steatitis
Inflammation, Chronic
Hyperplasia, Nos
Necrosis, Ischemic
Necrosis, Nos
Pigmentation, Nos
Leukemia, Monocytic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_035

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Bone

Femur

Osteosclerosis

Liver

Bile Duct

Hyperplasia, Nos

Testis

Hyperplasia, Interstitial Cell

Unspecified

Multiple Organs Nos

Interstitial-Cell Tumor

Tail

Leukemia, Monocytic

Squamous Cell Papilloma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_036

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Lung

Testis

Thyroid

Myocardium Nos

Tubule

Follicle

Pheochromocytoma

Inflammation, Chronic Focal

Nephropathy

Pigmentation, Nos

Hyperplasia, Adenomatous

Interstitial-Cell Tumor

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_037

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart

Myocardium Nos

Inflammation, Chronic

Kidney

Inflammation, Chronic

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_038

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Spleen		Congestion, Nos
Testis		Interstitial-Cell Tumor
Thyroid	Follicle	Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_039

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cyst, Nos

Cortex Nos

Cytoplasmic Vacuolization

Pheochromocytoma

Heart

Myocardium Nos

Inflammation, Chronic

Kidney

Nephropathy

Tubule

Pigmentation, Nos

Liver

Cytoplasmic Vacuolization

Pituitary gland

Adenoma, Nos

Prostate

Inflammation, Suppurative

Testis

Atrophy, Nos

Hemangiosarcoma

Thyroid

Follicle

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_040

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Lung

Pituitary gland

Testis

Thyroid

Myocardium Nos

Tubule

Follicle

Pheochromocytoma

Inflammation, Chronic

Nephropathy

Pigmentation, Nos

Hyperplasia, Adenomatous

Hyperplasia, Nos

Interstitial-Cell Tumor

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_041

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Eye

Cortex Nos

Degeneration, Cytologic
Cataract

Heart
Kidney

Myocardium Nos

Retinopathy
Inflammation, Chronic
Nephropathy

Testis
Thyroid

Tubule

Pigmentation, Nos
Interstitial-Cell Tumor
Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_042

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Heart

Myocardium Nos

Inflammation, Chronic

Kidney

Nephropathy

Tubule

Pigmentation, Nos

Liver

Cytoplasmic Vacuolization

Pancreas

Hyperplasia, Focal

Prostate

Inflammation, Suppurative

Testis

Interstitial-Cell Tumor

Thyroid

C-Cell Carcinoma

Follicle

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_043

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Skin

Testis

Myocardium Nos

Tubule

Ear

Follicle

Thyroid

Unspecified

Multiple Organs Nos

Pheochromocytoma

Inflammation, Chronic

Pigmentation, Nos

Neurilemoma

Hyperplasia, Interstitial Cell

Interstitial-Cell Tumor

Pigmentation, Nos

Inflammation, Acute/Chronic

Mesothelioma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_044

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Lung		Hyperplasia, Adenomatous
Testis		Interstitial-Cell Tumor
Thyroid	Follicle	Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_045

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Seminal vesicle

Testis

Thyroid

Unspecified

Myocardium Nos

Tubule

Follicle

Pheochromocytoma

Inflammation, Chronic

Nephropathy

Pigmentation, Nos

Inflammation, Chronic

Interstitial-Cell Tumor

Cystic Follicles

Pigmentation, Nos

Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_046

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Heart

Myocardium Nos

Inflammation, Chronic

Lung

Alveolar/Bronchiolar Carcinoma

Prostate

Inflammation, Suppurative

Testis

Hyperplasia, Interstitial Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_047

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Testis

Thyroid

Myocardium Nos

Tubule

Follicle

Pheochromocytoma

Inflammation, Chronic

Nephropathy

Pigmentation, Nos

Interstitial-Cell Tumor

C-Cell Adenoma

C-Cell Carcinoma

Hyperplasia, C Cell

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_048

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Pancreas		Islet-Cell Adenoma
Pituitary gland	Islets	Adenoma, Nos
		Carcinoma, Nos
Spleen		Hyperplasia, Lymphoid
Testis		Interstitial-Cell Tumor
Thyroid	Follicle	Pigmentation, Nos
Unspecified	Multiple Organs Nos	Mesothelioma, Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_049

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Focal Cellular Change

Medulla

Hyperplasia, Focal

Heart

Myocardium Nos

Inflammation, Chronic

Kidney

Tubule

Nephropathy

Testis

Pigmentation, Nos

Thyroid

Follicle

Interstitial-Cell Tumor

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_050

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Chronic
Testis		Interstitial-Cell Tumor
	Tunica Vaginalis	Mesothelioma, Nos
Thyroid		Follicular-Cell Adenoma
Unspecified	Multiple Organs Nos	Leukemia, Monocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_001

TRT#: 3

DOSE: 0

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Small
Lymph node
Pancreas
Pituitary gland
Preputial gland
Spleen
Testis

Myocardium Nos
Mesentery Nos
Renal Lymph Node

Pheochromocytoma
Inflammation, Chronic
Steatitis
Lymphangiectasis
Atrophy, Nos
Adenoma, Nos
Carcinoma, Nos
Hematopoiesis
Hyperplasia, Interstitial Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_002

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Testis

Thyroid

Unspecified

Myocardium Nos

Multiple Organs Nos

Pheochromocytoma

Inflammation, Chronic

Nephropathy

Interstitial-Cell Tumor

C-Cell Adenoma

Fibroma

Leukemia, Monocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

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

Adrenal gland
Heart
Kidney
Liver
Pituitary gland

Cortex Nos
Myocardium Nos

Bile Duct

Prostate
Testis
Thyroid

Cytologic Alteration, Nos
Inflammation, Chronic
Nephropathy
Hyperplasia, Nos
Angiectasis
Carcinoma, Nos
Inflammation, Suppurative
Interstitial-Cell Tumor
C-Cell Adenoma
Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

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
Lung		Hyperplasia, Adenomatous
Pancreas		Atrophy, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_005

TRT#: 3

DOSE: 0

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Pancreas

Testis

Myocardium Nos

Pheochromocytoma

Inflammation, Chronic

Nephropathy

Cytoplasmic Vacuolization

Atrophy, Nos

Hyperplasia, Interstitial Cell

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_006

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Angiectasis

Heart

Myocardium Nos

Pheochromocytoma

Kidney

Inflammation, Chronic

Liver

Nephropathy

Testis

Cytologic Alteration, Nos

Unspecified

Interstitial-Cell Tumor

Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_007

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Eye

Heart

Kidney

Testis

Crystalline Lens

Myocardium Nos

Pheochromocytoma

Cataract

Retinopathy

Inflammation, Chronic

Nephropathy

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_008

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver		Cytologic Alteration, Nos
		Hepatocellular Carcinoma
	Bile Duct	Hyperplasia, Nos
Prostate		Inflammation, Suppurative
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Monocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_009

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Preputial gland		Cystic Ducts
		Hyperplasia, Focal
Prostate		Inflammation, Chronic
Testis		Inflammation, Chronic Suppurative
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_010

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Eye

Heart

Kidney

Testis

Myocardium Nos

Pheochromocytoma

Cataract

Retinopathy

Inflammation, Chronic

Nephropathy

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_011

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Metaplasia, Osseous

Brain

Cerebellum Nos

Pheochromocytoma

Heart

Hemorrhage

Intestine Small

Mesentery Nos

Fibrosis, Focal

Kidney

Necrosis, Fat

Liver

Bile Duct

Nephropathy

Lung

Hyperplasia, Nos

Testis

Alveolar/Bronchiolar Adenoma

Unspecified

Multiple Organs Nos

Interstitial-Cell Tumor

Leukemia, Monocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_012

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver	Bile Duct	Hyperplasia, Nos
Spleen		Atrophy, Nos
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Chronic
Testis		Interstitial-Cell Tumor
Thymus		Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_013

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye

Cataract

Heart

Myocardium Nos

Retinopathy

Kidney

Inflammation, Chronic

Pancreas

Islets

Nephropathy

Testis

Islet-Cell Adenoma

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_014

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Pancreas

Pituitary gland

Testis

Thyroid

Unspecified

Myocardium Nos

Multiple Organs Nos

Ganglioneuroma

Pheochromocytoma

Inflammation, Chronic

Nephropathy

Atrophy, Nos

Focal Cellular Change

Interstitial-Cell Tumor

C-Cell Adenoma

Leukemia, Monocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_015

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cyst, Nos

Heart

Myocardium Nos

Pheochromocytoma

Kidney

Inflammation, Chronic

Liver

Centrilobular

Nephropathy

Lung

Necrosis, Nos

Lymph node

Mediastinal Lymph Node

Metaplasia, Osseous

Testis

Squamous Cell Carcinoma

Hemosiderosis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_016

TRT#: 3

DOSE: 0

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Liver	Inflammation, Acute/Chronic
Testis	Hyperplasia, Interstitial Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_017

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Chronic
Spleen		Hemangiosarcoma
Testis		Hyperplasia, Interstitial Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_018

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Preputial gland

Testis

Myocardium Nos

Pheochromocytoma

Inflammation, Chronic

Nephropathy

Cytoplasmic Vacuolization

Inflammation, Chronic

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_019

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Focal Cellular Change

Heart

Medulla

Hyperplasia, Focal

Intestine Small

Myocardium Nos

Inflammation, Chronic

Kidney

Mesentery Nos

Steatitis

Pancreas

Islets

Nephropathy

Pituitary gland

Islet-Cell Adenoma

Testis

Adenoma, Nos

Unspecified

Scrotum

Angiectasis

Interstitial-Cell Tumor

Neurilemoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_020

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney
Preputial gland
Skin
Testis
Thyroid

Myocardium Nos

Pheochromocytoma
Inflammation, Chronic
Nephropathy
Carcinoma, Nos
Cyst, Epidermal Inclusion
Interstitial-Cell Tumor
C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_021

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Fibrosis, Focal
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Mammary gland		Cystic Ducts
Pituitary gland		Adenoma, Nos
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Acute/Chronic
	Forestomach	Ulcer, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Monocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_022

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney
Preputial gland

Testis

Myocardium Nos

Pheochromocytoma
Inflammation, Chronic
Nephropathy
Cystic Ducts
Hyperplasia, Nos
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_023

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney
Lung
Pancreas
Preputial gland

Myocardium Nos

Pheochromocytoma
Inflammation, Chronic
Nephropathy
Hyperplasia, Adenomatous
Atrophy, Nos
Cystic Ducts
Hyperplasia, Nos
Inflammation, Suppurative
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_024

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Pancreas		Atrophy, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_025

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye

Cataract

Heart

Myocardium Nos

Retinopathy

Kidney

Inflammation, Chronic

Pancreas

Islets

Nephropathy

Pituitary gland

Islet-Cell Adenoma

Preputial gland

Adenoma, Nos

Spleen

Adenoma, Nos

Testis

Hematopoiesis

Atrophy, Nos

Hyperplasia, Interstitial Cell

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_026

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

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

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_027

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Testis

Thyroid

Myocardium Nos

Pheochromocytoma

Inflammation, Chronic

Nephropathy

Interstitial-Cell Tumor

Cyst, Thyroglossal Duct

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_028

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortical Adenoma

Kidney

Pheochromocytoma

Testis

Nephropathy

Thyroid

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

C-Cell Adenoma

Leukemia, Monocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_029

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Preputial gland		Hyperplasia, Nos
		Inflammation, Chronic Suppurative
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_030

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Heart

Myocardium Nos

Inflammation, Chronic

Kidney

Nephropathy

Pituitary gland

Adenoma, Nos

Angiectasis

Prostate

Inflammation, Chronic Suppurative

Testis

Hyperplasia, Interstitial Cell

Interstitial-Cell Tumor

Thyroid

C-Cell Adenoma

Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_031

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cytoplasmic Vacuolization

Heart

Pheochromocytoma

Intestine Small

Myocardium Nos

Inflammation, Chronic

Kidney

Mesentery Nos

Steatitis

Pituitary gland

Nephropathy

Prostate

Adenoma, Nos

Testis

Inflammation, Chronic Focal

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_032

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

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

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Ear

External Ear

Pheochromocytoma

Heart

Myocardium Nos

Neurofibrosarcoma

Testis

Inflammation, Chronic

Thyroid

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Cystic Follicles

Leukemia, Monocytic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_034

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney	Cortex	Adenoma, Nos Nephropathy
Liver	Centrilobular	Cytoplasmic Vacuolization
	Bile Duct	Hyperplasia, Nos Cystic Ducts
Mammary gland		Adenoma, Nos
Pituitary gland		Hyperplasia, Interstitial Cell
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Monocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_035

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Bone marrow

Fibrosis, Myelo

Heart

Inflammation, Chronic

Kidney

Nephropathy

Liver

Bile Duct

Hyperplasia, Nos

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Monocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_036

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Pancreas

Islets

Testis

Thyroid

Nephropathy

Islet-Cell Adenoma

Periarteritis

Interstitial-Cell Tumor

Cystic Follicles

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_037

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Pheochromocytoma, Malignant

Heart Myocardium Nos Inflammation, Chronic

Intestine Small Mesentery Nos Steatitis

Kidney Nephropathy

Liver Bile Duct Hyperplasia, Nos

Pancreas Islets Islet-Cell Adenoma

Pituitary gland Hyperplasia, Focal

Testis Hyperplasia, Interstitial Cell

Interstitial-Cell Tumor

Unspecified Multiple Organs Nos Leukemia, Monocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_038

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Pituitary gland		Adenoma, Nos
		Angiectasis
Preputial gland		Adenoma, Nos
		Cystic Ducts
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_039

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Focal

Heart

Myocardium Nos

Inflammation, Chronic

Kidney

Nephropathy

Liver

Cytologic Alteration, Nos

Bile Duct

Hyperplasia, Nos

Pituitary gland

Angiectasis

Testis

Carcinoma, Nos

Unspecified

Multiple Organs Nos

Interstitial-Cell Tumor

Leukemia, Monocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_040

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver		Cytoplasmic Vacuolization
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_041

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Pituitary gland		Hyperplasia, Focal
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_042

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Seminal vesicle

Stomach

Testis

Unspecified

Myocardium Nos

Forestomach

Multiple Organs Nos

Necrosis, Zonal

Inflammation, Chronic

Inflammation, Chronic

Hemorrhage

Inflammation, Suppurative

Ulcer, Nos

Hyperplasia, Interstitial Cell

Interstitial-Cell Tumor

Leukemia, Monocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_043

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart

Myocardium Nos

Inflammation, Chronic

Pituitary gland

Hyperplasia, Focal

Spleen

Hemangiosarcoma

Thyroid

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

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

Brain	Cerebrum	Squamous Cell Carcinoma, Metastatic
Kidney		Inflammation, Chronic
Nasal cavity		Squamous Cell Carcinoma
Stomach	Forestomach	Ulcer, Nos
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
		Cyst, Thyroglossal Duct
Unspecified	Foot	Edema, Nos
	Foot	Hemorrhage
	Foot	Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_045

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Angiectasis

Heart

Myocardium Nos

Pheochromocytoma

Kidney

Inflammation, Chronic

Lung

Nephropathy

Testis

Alveolar/Bronchiolar Adenoma

Hyperplasia, Adenomatous

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_046

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Testis

Myocardium Nos

Bile Duct

Pheochromocytoma

Inflammation, Chronic

Nephropathy

Hyperplasia, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_047

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Eye

Cataract

Heart

Myocardium Nos

Retinopathy

Kidney

Inflammation, Chronic

Liver

Nephropathy

Testis

Focal Cellular Change

Thyroid

Interstitial-Cell Tumor

C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_048

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Pituitary gland		Hyperplasia, Focal
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_049

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Pancreas

Skin

Testis

Myocardium Nos

Tail

Pheochromocytoma

Inflammation, Chronic

Nephropathy

Atrophy, Focal

Hyperkeratosis

Keratoacanthoma

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1

CAS Number: 2784-94-3

Date Report Requested: 10/26/2014

Time Report Requested: 13:26:15

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
Kidney		Inflammation, Chronic
Liver		Cytoplasmic Vacuolization
Lung		C-Cell Carcinoma, Metastatic
Pituitary gland		Adenoma, Nos
		Angiectasis
Stomach	Submucosa	Edema, Nos
	Forestomach	Ulcer, Nos
Thyroid		C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****