

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:40
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: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_001

TRT#: 1
DOSE: 3000 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Psammoma Bodies
Liver		Hepatocellular Carcinoma
Lung	Alveolar Epithelium	Hyperplasia, Adenomatous Inflammation, Focal
Preputial gland		Cystic Ducts
Thyroid		Inflammation, Nos Hyperplasia, Follicular Cell
Unspecified	Groin	Pigmentation, Nos Inflammation, Nos

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_002

TRT#: 1
DOSE: 3000 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Hepatocellular Carcinoma
Lung	Alveolar Epithelium	Hyperplasia, Adenomatous Inflammation, Focal
Thyroid		Follicular-Cell Adenoma Hyperplasia, Follicular Cell Pigmentation, Nos

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_003

TRT#: 1
DOSE: 3000 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Harderian gland
Liver
Lung
Lymph node
Thyroid

Hardarian Gland

Mesenteric Lymph Node
Follicle

Adenoma, Nos
Hepatocellular Adenoma
Alveolar/Bronchiolar Adenoma
Angiectasis
Hyperplasia, Cystic
Pigmentation, Nos

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_004

TRT#: 1
DOSE: 3000 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Psammoma Bodies
Kidney		Nephrosis, Nos
Liver		Hepatocellular Carcinoma
Lung	Alveolar Epithelium	Hyperplasia, Adenomatous
		Inflammation, Focal
Thyroid		Pigmentation, Nos
Unspecified	Multiple Organs Nos	Hyperplasia, Lymphoid

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_005

TRT#: 1
DOSE: 3000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Hepatocellular Carcinoma
Lung	Alveoli	Histiocytosis
Thyroid		Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_006

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung	Alveoli	Histiocytosis
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos
Peritoneum		Inflammation, Suppurative
Spleen		Hematopoiesis
Thyroid		Pigmentation, Nos
Unspecified	Abdomen	Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_007

TRT#: 1
DOSE: 3000 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Hepatocellular Carcinoma
Lymph node	Axillary Lymph Node	Hyperplasia, Nos
Skin	Thorax	Fibroma
		Inflammation, Chronic
Spleen		Hematopoiesis
Thyroid		Degeneration, Cystic
		Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_008

TRT#: 1
DOSE: 3000 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Nephrosis, Nos
Liver		Hepatocellular Carcinoma
Lung	Alveolar Epithelium	Hyperplasia, Adenomatous Inflammation, Focal
Parathyroid gland		Cyst, Embryonal Duct
Skin	Back	Ulcer, Nos
Spleen		Hematopoiesis
Thyroid	Follicle	Hyperplasia, Cystic Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_009

TRT#: 1
DOSE: 3000 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Psammoma Bodies
Liver		Hepatocellular Carcinoma
Lung	Alveolar Epithelium	Hyperplasia, Adenomatous Inflammation, Focal
Skin		Inflammation, Chronic
Thyroid	Follicle	Hyperplasia, Cystic Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_010

TRT#: 1
DOSE: 3000 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Psammoma Bodies
Liver		Hepatocellular Carcinoma
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Skin	Back	Ulcer, Nos
Thyroid	Follicle	Follicular-Cell Adenoma
		Hyperplasia, Cystic
		Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_011

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow
Kidney
Liver

Hyperplasia, Granulocytic
Nephrosis, Nos
Hepatocellular Carcinoma
Infarct, Nos

Lung

Necrosis, Focal
Thrombosis, Nos
Congestion, Nos
Inflammation, Granulomatous Focal

Thyroid

Inflammation, Interstitial
Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_012

TRT#: 1
DOSE: 3000 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Psammoma Bodies
Lung	Alveolar Epithelium	Hyperplasia, Adenomatous Inflammation, Focal
Thyroid		Degeneration, Cystic Pigmentation, Nos
Unspecified	Perineum	Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_013

TRT#: 1
DOSE: 3000 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver	Hepatocellular Carcinoma
Lung	Hyperplasia, Alveolar Epithelium Inflammation, Focal
Pituitary gland	Adenoma, Nos
Preputial gland	Cystic Ducts Inflammation, Nos
Thyroid	Degeneration, Cystic Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_014

TRT#: 1
DOSE: 3000 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Psammoma Bodies
Kidney		Nephrosis, Nos
Liver		Hepatocellular Adenoma
Lung	Alveolar Epithelium	Hyperplasia, Adenomatous
		Inflammation, Focal
Thyroid	Follicle	Hyperplasia, Cystic
		Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_015

TRT#: 1
DOSE: 3000 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nodular
Kidney		Nephrosis, Nos
Liver	Hepatocytes	Nuclear Alteration
Lung		Alveolar/Bronchiolar Carcinoma
	Alveolar Epithelium	Hyperplasia, Adenomatous
		Inflammation, Focal
Thyroid		Degeneration, Cystic
		Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_016

TRT#: 1
DOSE: 3000 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Mucous Gland	Hyperplasia, Adenomatous Inflammation, Focal
Thyroid	Follicle	Hyperplasia, Cystic Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_017

TRT#: 1
DOSE: 3000 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Gall bladder		Hemorrhage
Liver		Hepatocellular Carcinoma
Lung	Alveoli	Histiocytosis
		Hyperplasia, Alveolar Epithelium
Salivary gland		Basement Membrane Alteration
Thyroid		Pigmentation, Nos

PRIMARY CAUSE OF DEATH -

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_018

TRT#: 1
DOSE: 3000 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Psammoma Bodies
Liver		Hepatocellular Carcinoma
		Leukocytosis, Nos
Lung		Hepatocellular Carcinoma, Metastatic
	Alveoli	Histiocytosis
	Alveoli	Hyperplasia, Adenomatous
Thyroid		Pigmentation, Nos

PRIMARY CAUSE OF DEATH -

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_019

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver	Centrilobular	Necrosis, Nos
Lung	Alveoli	Histiocytosis
	Alveoli	Hyperplasia, Adenomatous
		Leukocytosis, Nos
Skin	Back	Inflammation, Nos
Spleen		Hematopoiesis
Thyroid		Pigmentation, Nos
Unspecified		Rhabdomyosarcoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_020

TRT#: 1
DOSE: 3000 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Liver
Thyroid

Cortex Nos

Focal Cellular Change
Nephrosis, Nos
Hepatocellular Carcinoma
Follicular-Cell Adenoma
Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_021

TRT#: 1
DOSE: 3000 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver
Thyroid

Hepatocellular Carcinoma
Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_022

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain	Thalamus	Psammoma Bodies
Liver		Degeneration, Cystic
		Hepatocellular Adenoma
		Hepatocellular Carcinoma
		Infarct, Nos
		Lymphoma, Histiocytic-Malignant Type
Lung	Alveoli	Hyperplasia, Adenomatous
		Inflammation, Focal
Skin	Back	Fibrosis
	Neck	Ulcer, Chronic
Thyroid		Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_023

TRT#: 1
DOSE: 3000 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Hepatocellular Carcinoma
Skin	Breast	Inflammation, Chronic
	Back	Ulcer, Chronic
Thyroid		Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_024

TRT#: 1
DOSE: 3000 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Psammoma Bodies
Liver		Atrophy, Nos
		Hepatocellular Carcinoma
Lung	Alveolar Epithelium	Hyperplasia, Adenomatous
		Inflammation, Focal
Preputial gland		Inflammation, Suppurative
Skin	Back	Ulcer, Chronic
Thyroid		Degeneration, Cystic
	Follicle	Hyperplasia, Cystic
		Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_025

TRT#: 1
DOSE: 3000 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Thyroid

Follicle

Hyperplasia, Cystic
Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_026

TRT#: 1
DOSE: 3000 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Psammoma Bodies
Liver		Hepatocellular Adenoma
Thyroid	Follicle	Hyperplasia, Cystic Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_027

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Hepatocellular Adenoma

Thyroid

Hepatocellular Carcinoma

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_028

TRT#: 1
DOSE: 3000 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Hepatocellular Adenoma
Lung	Alveolar Epithelium	Hyperplasia, Adenomatous Inflammation, Focal
Thyroid	Follicle	Degeneration, Cystic Hyperplasia, Cystic Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_029

TRT#: 1
DOSE: 3000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain
Intestine Small
Liver

Thalamus
Mucosa

Lung

Alveolar Epithelium

Thyroid

Psammoma Bodies
Adenocarcinoma, Nos
Hepatocellular Carcinoma
Necrosis, Focal
Hyperplasia, Adenomatous
Inflammation, Focal
Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_030

TRT#: 1
DOSE: 3000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver	Hepatocellular Carcinoma
Lung	Hepatocellular Carcinoma, Metastatic
Skin	Inflammation, Chronic
Thyroid	Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_031

TRT#: 1
DOSE: 3000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung
Skin
Thyroid

Alveoli
Thorax

Histiocytosis
Hyperplasia, Nos
Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_032

TRT#: 1
DOSE: 3000 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Psammoma Bodies
Liver		Focal Cellular Change
		Hepatocellular Adenoma
Lymph node	Mesenteric Lymph Node	Congestion, Nos
Thyroid		Degeneration, Cystic
	Follicle	Hyperplasia, Cystic
		Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_033

TRT#: 1
DOSE: 3000 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Psammoma Bodies
Liver		Hepatocellular Adenoma
		Necrosis, Focal
Skin	Back	Sarcoma, Nos
Thyroid		Degeneration, Cystic
		Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_034

TRT#: 1
DOSE: 3000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain
Intestine Large
Liver

Thalamus
Submucosa, Colon

Psammoma Bodies
Edema, Nos
Hepatocellular Carcinoma
Necrosis, Focal
Pigmentation, Nos
Lymphoma, Histiocytic-Malignant Type

Thyroid
Unspecified

Multiple Organs Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
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

Intestine Small
Liver

Mesentery Nos

Necrosis, Fat
Hepatocellular Adenoma
Hepatocellular Carcinoma

Lung

Alveolar Epithelium

Hyperplasia, Adenomatous
Inflammation, Focal

Preputial gland
Thyroid

Inflammation, Suppurative
Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_036

TRT#: 1
DOSE: 3000 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Granulocytic
Brain	Thalamus	Psammoma Bodies
Intestine Small	Mesentery Nos	Inflammation, Suppurative
Kidney	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
Lung	Alveoli	Hyperplasia, Adenomatous
		Inflammation, Focal
Skin	Back	Inflammation, Chronic
	Foot And Toe Nos	Ulcer, Chronic
Spleen		Hematopoiesis
Thyroid		Degeneration, Cystic
		Pigmentation, Nos
Unspecified	Lower Leg Nos	Hemangiosarcoma
	Lower Leg Nos	Inflammation, Chronic Suppurative

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_037

TRT#: 1
DOSE: 3000 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Hepatocellular Carcinoma
Lung		Hemorrhage
	Alveolar Epithelium	Hyperplasia, Adenomatous
		Inflammation, Focal
Preputial gland		Inflammation, Suppurative
Thyroid		Degeneration, Cystic
		Pigmentation, Nos

PRIMARY CAUSE OF DEATH -

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_038

TRT#: 1
DOSE: 3000 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Alveolar Epithelium	Hyperplasia, Adenomatous Inflammation, Focal
Thyroid		Degeneration, Cystic Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_039

TRT#: 1
DOSE: 3000 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Hepatocellular Carcinoma
Lung	Alveolar Epithelium	Hyperplasia, Adenomatous Inflammation, Focal
Preputial gland		Cystic Ducts
Skin		Inflammation, Chronic
Thyroid		Degeneration, Cystic Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
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

Lung	Alveoli	Histiocytosis
Lymph node	Inguinal Lymph Node	Hyperplasia, Nos
Spleen		Hematopoiesis
Thyroid		Degeneration, Cystic
		Pigmentation, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_041

TRT#: 1
DOSE: 3000 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Alveolar Epithelium	Hyperplasia, Adenomatous Inflammation, Focal
Preputial gland		Inflammation, Nos
Thyroid		Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_042

TRT#: 1
DOSE: 3000 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Preputial gland

Spleen

Stomach

Thyroid

Forestomach

Forestomach

Forestomach

Inflammation, Suppurative

Hemangiosarcoma

Dysplasia, Epithelial

Erosion

Hyperplasia, Epithelial

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_043

TRT#: 1
DOSE: 3000 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Nephrosis, Nos
Liver		Hepatocellular Carcinoma
Lung	Alveolar Epithelium	Hyperplasia, Adenomatous Inflammation, Focal
Skin	Back	Fibrosis
Thyroid		Follicular-Cell Adenoma Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_044

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Rectum

Adenocarcinoma, Nos

Rectum

Prolapse

Rectum

Ulcer, Nos

Liver

Hepatocellular Carcinoma

Thyroid

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_045

TRT#: 1
DOSE: 3000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Congestion, Nos
	Alveoli	Histiocytosis
Skin	Perineum	Inflammation, Suppurative
	Perineum	Ulcer, Nos
Thyroid	Follicle	Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_046

TRT#: 1
DOSE: 3000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Nephrosis, Nos
Liver		Hepatocellular Carcinoma
Lung		Hyperplasia, Alveolar Epithelium
		Inflammation, Granulomatous Focal
Lymph node	Mandibular Lymph Node	Pigmentation, Nos
Thyroid	Follicle	Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_047

TRT#: 1
DOSE: 3000 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Hepatocellular Carcinoma
Lung	Alveolar Epithelium	Hyperplasia, Adenomatous Inflammation, Focal
Skin	Back	Fibrosis
Thyroid	Follicle	Degeneration, Cystic Hyperplasia, Cystic Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_048

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Granulocytic
Liver		Hepatocellular Carcinoma
Lung	Alveolar Epithelium	Hyperplasia, Adenomatous Inflammation, Granulomatous Focal
Skin		Inflammation, Chronic Ulcer, Chronic
Spleen		Hematopoiesis
Thyroid		Degeneration, Cystic Hyperplasia, Cystic
	Follicle	Pigmentation, Nos
Unspecified	Lumbar Region	Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_049

TRT#: 1
DOSE: 3000 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Pheochromocytoma
Kidney		Nephrosis, Nos
Liver		Hepatocellular Carcinoma
		Necrosis, Focal
Lung	Alveoli	Hyperplasia, Adenomatous
		Inflammation, Granulomatous Focal
Skin	Hair Follicle	Atrophy, Nos
	Back	Ulcer, Chronic
Thyroid		Pigmentation, Nos
Unspecified		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_050

TRT#: 1
DOSE: 3000 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Psammoma Bodies
Liver		Hepatocellular Adenoma
Lung	Alveolar Epithelium	Alveolar/Bronchiolar Adenoma
		Hyperplasia, Adenomatous
		Inflammation, Focal
Lymph node	Mesenteric Lymph Node	Angiectasis
Preputial gland		Inflammation, Suppurative
Skin	Breast	Inflammation, Chronic
	Abdomen	Neurofibroma
Thyroid		Degeneration, Cystic
		Follicular-Cell Adenoma
		Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_001

TRT#: 2
DOSE: 1500 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Small
Lung

Mesentery Nos

Alveolar Epithelium

Lymph node

Mesenteric Lymph Node

Thyroid

Mesenteric Lymph Node

Necrosis, Fat
Alveolar/Bronchiolar Adenoma
Hyperplasia, Adenomatous
Inflammation, Focal
Angiectasis
Hyperplasia, Granulocytic
Degeneration, Cystic
Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_002

TRT#: 2
DOSE: 1500 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Hepatocellular Carcinoma
Lung	Alveoli	Alveolar/Bronchiolar Adenoma Hyperplasia, Adenomatous Hyperplasia, Alveolar Epithelium Inflammation, Granulomatous Focal
Skin	Hair Follicle	Atrophy, Nos
	Back	Ulcer, Nos
Thyroid		Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_003

TRT#: 2
DOSE: 1500 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Angiectasis
		Anisokaryosis
		Atrophy, Focal
		Hepatocellular Carcinoma
Skin	Back	Inflammation, Chronic
Stomach	Fundal Gland	Cyst, Nos
Thyroid		Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_004

TRT#: 2
DOSE: 1500 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Psammoma Bodies
Liver		Hepatocellular Carcinoma
Lung		Hepatocellular Carcinoma, Metastatic
Thyroid		Pigmentation, Nos
Unspecified	Perineum	Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_005

TRT#: 2
DOSE: 1500 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Hepatocellular Adenoma
Lung	Alveolar Epithelium	Hyperplasia, Adenomatous Inflammation, Focal
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Skin	Back	Fibroma
Thyroid		Pigmentation, Nos
Unspecified	Perineum	Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_006

TRT#: 2
DOSE: 1500 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Psammoma Bodies
Eye	Tunica Fibrosa	Inflammation, Nos
Liver		Hepatocellular Carcinoma
Lung	Alveoli	Hyperplasia, Adenomatous
	Alveoli	Inflammation, Focal
Skin	Thorax	Inflammation, Chronic
Thyroid		Pigmentation, Nos
Unspecified	Orbital Region	Inflammation, Nos
		Leiomyosarcoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_007

TRT#: 2
DOSE: 1500 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Liver
Parathyroid gland
Thyroid

Capsule

Carcinoma, Nos
Nephrosis, Nos
Cytoplasmic Vacuolization
Cyst, Nos
Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_008

TRT#: 2
DOSE: 1500 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nodular
Liver		Hepatocellular Adenoma
Lung	Alveolar Epithelium	Hyperplasia, Adenomatous Inflammation, Focal
Skin	Abdomen	Sarcoma, Nos
Spleen		Hematopoiesis
Testis		Atrophy, Nos
		Calcification, Nos
Thyroid		Degeneration, Cystic Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_009

TRT#: 2
DOSE: 1500 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Psammoma Bodies
Lung		Hyperplasia, Alveolar Epithelium
		Inflammation, Focal
Lymph node	Mesenteric Lymph Node	Congestion, Nos
Thyroid		Degeneration, Cystic
		Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_010

TRT#: 2
DOSE: 1500 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Psammoma Bodies
Liver		Hepatocellular Carcinoma
Lung		Hyperplasia, Alveolar Epithelium
		Inflammation, Focal
Thyroid		Pigmentation, Nos
Unspecified	Multiple Organs Nos	Hyperplasia, Lymphoid

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_011

TRT#: 2
DOSE: 1500 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Hepatocellular Adenoma
Lung	Alveolar Epithelium	Hyperplasia, Adenomatous Inflammation, Focal
Lymph node	Mesenteric Lymph Node	Angiectasis
Skin	Back	Erosion
	Abdomen	Fibroma
Thyroid		Degeneration, Cystic Hyperplasia, Follicular Cell Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_012

TRT#: 2
DOSE: 1500 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain		Psammoma Bodies
Lung		Fibrosarcoma, Metastatic
	Alveoli	Histiocytosis
Skin		Fibrosarcoma
Spleen		Hematopoiesis
Thyroid		Pigmentation, Nos

PRIMARY CAUSE OF DEATH -

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_013

TRT#: 2
DOSE: 1500 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Liver
Preputial gland
Skin

Thyroid

Back
Back

Pheochromocytoma
Hepatocellular Carcinoma
Inflammation, Suppurative
Inflammation, Chronic
Ulcer, Nos
Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_014

TRT#: 2
DOSE: 1500 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Hepatocellular Carcinoma
Lung		Alveolar/Bronchiolar Adenoma
		Leukocytosis, Nos
Lymph node	Axillary Lymph Node	Fibrosarcoma, Metastatic
Spleen		Hematopoiesis
Thyroid		Pigmentation, Nos
Unspecified	Back	Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_015

TRT#: 2
DOSE: 1500 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow
Intestine Small
Pituitary gland
Thyroid

Peyers Patch

Hemangiosarcoma
Hyperplasia, Lymphoid
Hyperplasia, Focal
Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_016

TRT#: 2
DOSE: 1500 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver
Thyroid

Hepatocellular Carcinoma
Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_017

TRT#: 2
DOSE: 1500 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Hepatocellular Carcinoma
Lung		Alveolar/Bronchiolar Adenoma
	Alveoli	Hyperplasia, Adenomatous
		Inflammation, Focal
Thyroid		Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_018

TRT#: 2
DOSE: 1500 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver
Pancreas
Preputial gland
Thyroid

Hepatocellular Adenoma
Atrophy, Focal
Cystic Ducts
Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_019

TRT#: 2
DOSE: 1500 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nodular
Brain	Thalamus	Psammoma Bodies
Kidney		Nephrosis, Nos
Liver		Hepatocellular Adenoma
Lung	Lumen Nos	Inflammation, Suppurative
Pituitary gland		Hyperplasia, Focal
Thyroid		Pigmentation, Nos
Unspecified	Perineum	Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_020

TRT#: 2
DOSE: 1500 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain
Harderian gland

Thalamus
Harderian Gland
Harderian Gland
Mesenteric Lymph Node

Lymph node
Preputial gland
Skin
Thyroid

Psammoma Bodies
Adenoma, Nos
Inflammation, Granulomatous
Angiectasis
Inflammation, Suppurative
Fibrosarcoma
Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_021

TRT#: 2
DOSE: 1500 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Psammoma Bodies
Kidney		Nephrosis, Nos
Lung	Alveolar Epithelium	Hyperplasia, Adenomatous
		Inflammation, Focal
Thyroid		Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_022

TRT#: 2
DOSE: 1500 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Psammoma Bodies
Lung	Alveolar Epithelium	Hyperplasia, Adenomatous Inflammation, Focal
Preputial gland		Inflammation, Suppurative
Thyroid	Follicle	Degeneration, Cystic Hyperplasia, Cystic Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_023

TRT#: 2
DOSE: 1500 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Psammoma Bodies
Liver		Hepatocellular Adenoma
		Hepatocellular Carcinoma
		Necrosis, Nos
Preputial gland		Inflammation, Suppurative
Thyroid	Follicle	Degeneration, Cystic
		Hyperplasia, Cystic
		Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_024

TRT#: 2
DOSE: 1500 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver
Thyroid

Hepatocellular Adenoma
Cystic Follicles
Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_025

TRT#: 2
DOSE: 1500 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos
Spleen		Hematopoiesis
Thyroid		Pigmentation, Nos
Unspecified	Multiple Organs Nos	Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_026

TRT#: 2
DOSE: 1500 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Psammoma Bodies
Liver		Hepatocellular Adenoma
		Hepatocellular Carcinoma
Lung	Alveolar Epithelium	Hyperplasia, Adenomatous
		Inflammation, Focal
Thyroid		Pigmentation, Nos
Unspecified	Neck	Fibroadenoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_027

TRT#: 2
DOSE: 1500 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Brain
Liver
Preputial gland
Thyroid

Thalamus

Pheochromocytoma
Psammoma Bodies
Hepatocellular Carcinoma
Inflammation, Nos
Hyperplasia, Follicular Cell
Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_028

TRT#: 2
DOSE: 1500 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Small
Liver
Lung

Peyers Patch

Alveoli

Lymph node
Preputial gland

Mesenteric Lymph Node

Thyroid
Unspecified

Multiple Organs Nos
Multiple Organs Nos

Hyperplasia, Lymphoid
Leukocytosis, Nos
Hyperplasia, Adenomatous
Inflammation, Granulomatous Focal
Congestion, Nos
Degeneration, Cystic
Inflammation, Suppurative
Pigmentation, Nos
Hematopoiesis
Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_029

TRT#: 2
DOSE: 1500 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Hepatocellular Adenoma Hepatocellular Carcinoma Necrosis, Nos
Lymph node	Mesenteric Lymph Node	Angiectasis
Parathyroid gland		Cyst, Embryonal Duct
Preputial gland		Inflammation, Suppurative
Thyroid		Hyperplasia, Follicular Cell Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_030

TRT#: 2
DOSE: 1500 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Lung

Preputial gland
Thyroid

Alveolar Epithelium

Pheochromocytoma
Alveolar/Bronchiolar Carcinoma
Hyperplasia, Adenomatous
Inflammation, Focal
Cystic Ducts
Degeneration, Cystic
Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_031

TRT#: 2
DOSE: 1500 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Psammoma Bodies
Liver		Necrosis, Focal
Lung	Alveolar Epithelium	Hyperplasia, Adenomatous
		Inflammation, Focal
Spleen		Hematopoiesis
Thyroid		Degeneration, Cystic
		Pigmentation, Nos
Unspecified	Back	Rhabdomyosarcoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_032

TRT#: 2
DOSE: 1500 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Nephrosis, Nos
Liver		Hepatocellular Adenoma
Lung	Alveolar Epithelium	Hyperplasia, Adenomatous Inflammation, Focal
Stomach	Forestomach	Ulcer, Nos
Thyroid		Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_033

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Lung		Alveolar/Bronchiolar Adenoma
	Alveoli	Hyperplasia, Adenomatous
	Alveoli	Inflammation, Granulomatous Focal
Skin	Trunk	Ulcer, Chronic
Thyroid		Pigmentation, Nos
Unspecified	Trunk	Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_034

TRT#: 2
DOSE: 1500 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Pheochromocytoma
Liver		Hepatocellular Carcinoma
Lung		Hepatocellular Carcinoma, Metastatic
	Alveoli	Histiocytosis
		Hyperplasia, Alveolar Epithelium
Skin	Abdomen	Fibroma
	Back	Neurofibroma
Thyroid		Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_035

TRT#: 2
DOSE: 1500 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Pheochromocytoma
Brain	Thalamus	Psammoma Bodies
Liver		Hepatocellular Adenoma
Lung	Alveolar Epithelium	Hyperplasia, Adenomatous
		Inflammation, Focal
Skin	Back	Fibroma
	Back	Inflammation, Chronic
	Back	Ulcer, Nos
Thyroid		Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_036

TRT#: 2
DOSE: 1500 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Psammoma Bodies
Liver		Hepatocellular Carcinoma
		Necrosis, Focal
Lung	Alveoli	Hyperplasia, Adenomatous
		Inflammation, Granulomatous Focal
Thyroid		Pigmentation, Nos

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_037

TRT#: 2
DOSE: 1500 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Alveoli	Histiocytosis Hyperplasia, Alveolar Epithelium
Skin	Back	Sarcoma, Nos
Spleen		Hematopoiesis
Thyroid		Degeneration, Cystic Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_038

TRT#: 2
DOSE: 1500 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Pheochromocytoma
Ear		Fibrous Histiocytoma, Malignant
Intestine Small	Mucosa, Duodenum	Adenoma, Nos
Liver		Hepatocellular Adenoma
Preputial gland		Cystic Ducts
Thyroid		Inflammation, Nos
Unspecified	Multiple Organs Nos	Pigmentation, Nos
		Hyperplasia, Lymphoid

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_039

TRT#: 2
DOSE: 1500 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Adenoma, Nos Pheochromocytoma
Kidney		Inflammation, Focal
Liver		Deformity, Nos Hepatocellular Adenoma
Lung	Alveolar Epithelium	Hyperplasia, Adenomatous Inflammation, Focal
Lymph node	Mesenteric Lymph Node	Angiectasis
Skin	Back	Fibroma
	Neck	Inflammation, Chronic
	Neck	Ulcer, Nos
Thyroid		Pigmentation, Nos
Unspecified		Neurofibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_040

TRT#: 2
DOSE: 1500 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Skin	Back	Inflammation, Chronic
Thyroid		Degeneration, Cystic
		Pigmentation, Nos
Unspecified	Back	Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_041

TRT#: 2
DOSE: 1500 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Psammoma Bodies
Liver		Hepatocellular Adenoma
		Hepatocellular Carcinoma
Lung	Alveolar Epithelium	Hyperplasia, Adenomatous
		Inflammation, Focal
Stomach	Forestomach	Squamous Cell Papilloma
Thyroid		Pigmentation, Nos
Unspecified	Multiple Organs Nos	Neurofibrosarcoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_042

TRT#: 2
DOSE: 1500 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Psammoma Bodies
Liver		Hepatocellular Adenoma
Lymph node	Inguinal Lymph Node	Hyperplasia, Lymphoid
	Inguinal Lymph Node	Lymphangiectasis
Skin	Back	Rhabdomyosarcoma
Thyroid		Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_043

TRT#: 2
DOSE: 1500 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Alveoli	Hyperplasia, Adenomatous Inflammation, Focal
Spleen		Hematopoiesis
Testis	Scrotum Nos	Neurofibrosarcoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_044

TRT#: 2
DOSE: 1500 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Alveolar Epithelium	Hyperplasia, Adenomatous Inflammation, Focal
Lymph node	Mesenteric Lymph Node	Congestion, Nos
Skin	Back	Fibroma
Thyroid		Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_045

TRT#: 2
DOSE: 1500 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Psammoma Bodies
Liver		Hepatocellular Carcinoma
Lung	Alveolar Epithelium	Hyperplasia, Adenomatous
		Inflammation, Focal
Skin	Back	Inflammation, Chronic
Thyroid		Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_046

TRT#: 2
DOSE: 1500 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Fibrosis
Epididymis		Granuloma, Spermatic
Liver		Hepatocellular Adenoma
		Hepatocellular Carcinoma
		Necrosis, Focal
Lung		Hyperplasia, Alveolar Epithelium
		Inflammation, Focal
Skin	Back	Fibroma
	Back	Ulcer, Nos
Thyroid		Degeneration, Cystic
		Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_047

TRT#: 2
DOSE: 1500 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain
Lymph node
Thyroid

Thalamus
Mesenteric Lymph Node

Psammoma Bodies
Congestion, Nos
Hyperplasia, Follicular Cell
Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_048

TRT#: 2
DOSE: 1500 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Hepatocellular Carcinoma
Lung	Alveolar Epithelium	Hyperplasia, Adenomatous Inflammation, Focal
Thyroid		Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_049

TRT#: 2
DOSE: 1500 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain
Harderian gland
Lung

Thalamus
Harderian Gland
Alveolar Epithelium

Mesenteric Lymph Node

Psammoma Bodies
Adenoma, Nos
Hyperplasia, Adenomatous
Inflammation, Focal
Angiectasis
Inflammation, Nos
Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_050

TRT#: 2
DOSE: 1500 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Hepatocellular Adenoma Hepatocellular Carcinoma Necrosis, Nos
Lymph node	Mesenteric Lymph Node	Congestion, Nos
Preputial gland		Inflammation, Suppurative
Skin	Back	Inflammation, Chronic
	Abdomen	Inflammation, Nos
Stomach		Inflammation, Suppurative
Thyroid		Degeneration, Cystic Hyperplasia, Follicular Cell Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
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

Brain	Thalamus	Psammoma Bodies
Liver		Hepatocellular Carcinoma
		Leukocytosis, Nos
Skin	Back	Inflammation, Chronic
	Groin	Lymphangiectasis
	Back	Rhabdomyosarcoma
	Trunk	Ulcer, Chronic
Spleen		Hematopoiesis
Thyroid		Degeneration, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_002

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Small
Lung

Mesentery Nos

Alveolar Epithelium

Skin

Back

Back

Unspecified

Axilla

Axilla

Necrosis, Fat
Alveolar/Bronchiolar Adenoma
Hyperplasia, Adenomatous
Inflammation, Focal
Fibrosis
Inflammation, Chronic
Granuloma, Lipo
Infection, Fungal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_003

TRT#: 3
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Necrosis, Focal
Lung	Alveoli	Histiocytosis
	Alveoli	Hyperplasia, Adenomatous

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_004

TRT#: 3
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Angiectasis
Lymph node	Mediastinal Lymph Node	Hyperplasia, Lymphoid
Skin	Abdomen	Rhabdomyosarcoma
Spleen		Hematopoiesis
Thyroid		Degeneration, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_005

TRT#: 3
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Psammoma Bodies
Kidney		Nephrosis, Nos
Liver		Hepatocellular Carcinoma
Lung		Hepatocellular Carcinoma, Metastatic
	Alveoli	Hyperplasia, Adenomatous
Skin	Back	Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_006

TRT#: 3
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Lung

Pelvis

Inflammation, Chronic Focal
Hyperplasia, Alveolar Epithelium

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_007

TRT#: 3
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large

Rectum
Rectum
Rectum

Adenocarcinoma, Nos
Inflammation, Chronic
Prolapse

Kidney

Atrophy, Nos
Nephrosis, Nos

Lung

Alveoli

Hyperplasia, Adenomatous
Inflammation, Granulomatous Focal

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_008

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Psammoma Bodies
Liver		Cirrhosis, Nos
		Thrombosis, Nos
Thyroid		Degeneration, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_009

TRT#: 3
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Alveoli	Hyperplasia, Adenomatous Inflammation, Focal
Skin	Abdomen	Inflammation, Chronic
Thyroid		Degeneration, Cystic
Unspecified	Multiple Organs Nos Groin	Hyperplasia, Plasma Cell Neurofibrosarcoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_010

TRT#: 3
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Psammoma Bodies
Liver		Hepatocellular Carcinoma
		Leukocytosis, Nos
Unspecified	Multiple Organs Nos	Mesothelioma, Malignant

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_011

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Psammoma Bodies
Liver		Hepatocellular Adenoma
		Metamorphosis, Fatty

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_012

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Cytoplasmic Vacuolization
Lung	Alveolar Epithelium	Hyperplasia, Adenomatous Inflammation, Focal
Thyroid		Degeneration, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_013

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Alveolar Epithelium	Hyperplasia, Adenomatous Inflammation, Focal
------	---------------------	---

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
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

Brain
Liver
Preputial gland
Spleen

Thalamus

Psammoma Bodies
Hepatocellular Adenoma
Inflammation, Suppurative
Metamorphosis, Fatty

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_015

TRT#: 3
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Harderian gland
Stomach

Capsule
Hardarian Gland

Adenoma, Nos
Cystadenoma, Nos
Leukocytosis, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_016

TRT#: 3
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Psammoma Bodies
Epididymis		Granuloma, Spermatic
Liver		Focal Cellular Change

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_017

TRT#: 3
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Acinar-Cell Carcinoma, Invasive Hepatocellular Carcinoma
	Bile Duct	Hyperplasia, Nos
Lung		Acinar-Cell Carcinoma, Metastatic
Pancreas		Acinar-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
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

Kidney		Nephrosis, Nos
Liver		Hepatocellular Adenoma
		Metamorphosis, Fatty
Lung	Alveolar Epithelium	Hyperplasia, Adenomatous
		Inflammation, Focal
Thyroid		Degeneration, Cystic
Unspecified	Back	Rhabdomyosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_019

TRT#: 3
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain
Intestine Small
Liver

Thalamus
Jejunum

Centrilobular
Alveolar Epithelium

Lung

Skin
Spleen

Psammoma Bodies
Adenomatous Polyp, Nos
Necrosis, Focal
Necrosis, Nos
Hyperplasia, Adenomatous
Inflammation, Granulomatous Focal
Ulcer, Chronic
Hematopoiesis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
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

Lung

Skin

Alveolar Epithelium

Back

Back

Pheochromocytoma

Hyperplasia, Adenomatous

Inflammation, Focal

Hyperplasia, Polypoid

Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_021

TRT#: 3
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Nephrosis, Nos
Liver		Hepatocellular Carcinoma
Thyroid	Follicle	Hyperplasia, Cystic
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_022

TRT#: 3
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Intestine Small
Kidney
Liver
Lung

Medulla
Mesentery Nos

Alveolar Epithelium

Hyperplasia, Nos
Periarteritis
Nephrosis, Nos
Hepatocellular Carcinoma
Hyperplasia, Adenomatous
Inflammation, Focal

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_023

TRT#: 3
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver

Unspecified

Multiple Organs Nos

Multiple Organs Nos

Mixed Hepato/Cholangio Carcinoma

Mixed Hepato/Cholangio Carcinoma, Invasive

Mixed Hepato/Cholangio Carcinoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_024

TRT#: 3
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Eye		Cataract
		Deformity, Nos
		Retinopathy
Harderian gland	Hardarian Gland	Adenoma, Nos
Intestine Small	Mesentery Nos	Necrosis, Fat
Skin	Back	Neurofibroma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_025

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Fibrosis
Bone marrow		Hyperplasia, Granulocytic
Brain	Thalamus	Psammoma Bodies
Lung	Alveolar Epithelium	Hyperplasia, Adenomatous
		Inflammation, Focal
Skin	Abdomen	Hyperplasia, Nos
	Breast	Inflammation, Chronic
	Back	Sarcoma, Nos
		Ulcer, Nos
Spleen		Hematopoiesis
Thyroid		Degeneration, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_026

TRT#: 3
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Hyperplasia, Adenomatous Inflammation, Granulomatous Focal
Lymph node		Inflammation, Nos
Prostate		Inflammation, Suppurative
Salivary gland	Sublingual Gland Nos	Atrophy, Nos
	Sublingual Gland Nos	Fibrosis, Diffuse

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_027

TRT#: 3
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Hepatocellular Carcinoma
Lung	Alveolar Epithelium	Hyperplasia, Adenomatous Inflammation, Focal
Skin	Back	Fibrosarcoma
Spleen		Lymphoma, Mixed-Malignant Type
Thyroid		Degeneration, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_028

TRT#: 3
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Alveolar Epithelium	Hyperplasia, Adenomatous Inflammation, Focal
Thymus		Thymoma, Benign
Thyroid		Degeneration, Cystic
	Follicle	Hyperplasia, Cystic
Urinary bladder		Hyperplasia, Lymphoid

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_029

TRT#: 3
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Alveolar Epithelium	Hyperplasia, Adenomatous Inflammation, Focal
Lymph node	Mandibular Lymph Node	Angiectasis
Skin	Trunk	Neurofibrosarcoma
Thyroid	Follicle	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_030

TRT#: 3
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Psammoma Bodies
Lung		Hyperplasia, Alveolar Epithelium
Skin	Back	Rhabdomyosarcoma
Spleen		Angiectasis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_031

TRT#: 3
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Focal Cellular Change
Brain	Thalamus	Psammoma Bodies
Liver		Focal Cellular Change
Lung		Alveolar/Bronchiolar Carcinoma
	Alveolar Epithelium	Histiocytosis
Lymph node	Inguinal Lymph Node	Hyperplasia, Nos
Preputial gland		Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_032

TRT#: 3
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Pheochromocytoma
Brain	Thalamus	Psammoma Bodies
Intestine Small	Ileum, Ileum	Adenomyosis
	Ileum, Ileum	Dysplasia, Epithelial
Liver		Metamorphosis, Fatty
Lymph node	Mesenteric Lymph Node	Angiectasis
	Inguinal Lymph Node	Hyperplasia, Nos
Preputial gland		Inflammation, Suppurative
Skin		Inflammation, Chronic
Thyroid		Degeneration, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_033

TRT#: 3
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Small

Duodenum
Duodenum
Mesentery Nos

Adenomyosis
Dysplasia, Epithelial
Necrosis, Fat
Nephrosis, Nos
Hepatocellular Carcinoma
Alveolar/Bronchiolar Adenoma

Kidney
Liver
Lung

Alveolar Epithelium

Hyperplasia, Adenomatous
Inflammation, Focal
Cystic Ducts
Inflammation, Nos
Degeneration, Cystic
Edema, Nos

Preputial gland

Thyroid
Unspecified

Neck

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_034

TRT#: 3
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Harderian gland
Kidney
Liver
Thyroid

Hardarian Gland

Adenoma, Nos
Nephrosis, Nos
Hepatocellular Adenoma
Degeneration, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_035

TRT#: 3
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Nephrosis, Nos
Lung		Alveolar/Bronchiolar Carcinoma
	Alveoli	Histiocytosis
		Hyperplasia, Lymphoid
Pancreas	Islets	Islet-Cell Adenoma
Skin	Back	Fibroma
	Back	Fibrosarcoma
Thymus		Cyst, Nos
Thyroid		Degeneration, Cystic
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_036

TRT#: 3
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Skin
Thyroid

Nephrosis, Nos
Fibrosis
Degeneration, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_037

TRT#: 3
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lymph node
Thyroid

Mesenteric Lymph Node

Angiectasis
Inflammation, Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_038

TRT#: 3
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow

Hyperplasia, Granulocytic

Skin

Back

Fibroma

Back

Fibrosis

Back

Hyperplasia, Epithelial

Unspecified

Perineum

Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_039

TRT#: 3
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Hepatocellular Carcinoma
Lung		Fibrosarcoma, Metastatic
Preputial gland		Cystic Ducts
Skin	Abdomen	Inflammation, Chronic
Spleen		Hematopoiesis
Unspecified	Back	Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_040

TRT#: 3
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Granulocytic
Skin		Inflammation, Chronic
Spleen		Hematopoiesis
Unspecified	Back	Fibroma
	Back	Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_041

TRT#: 3
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Granulocytic
Brain	Thalamus	Psammoma Bodies
Liver		Leukocytosis, Nos
Lung	Alveoli	Histiocytosis
	Alveoli	Hyperplasia, Adenomatous
Lymph node		Hyperplasia, Nos
Skin	Thorax	Ulcer, Chronic
Spleen		Hematopoiesis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_042

TRT#: 3
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Focal Cellular Change Hepatocellular Carcinoma
Lung	Alveolar Epithelium	Hyperplasia, Adenomatous Inflammation, Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_043

TRT#: 3
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Inflammation, Focal
Lung	Alveolar Epithelium	Hyperplasia, Adenomatous Inflammation, Focal
Skin		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_044

TRT#: 3
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Harderian gland
Liver
Lymph node
Preputial gland

Hardarian Gland
Mesenteric Lymph Node

Cystadenoma, Nos
Necrosis, Focal
Hyperplasia, Nos
Cystic Ducts

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_045

TRT#: 3
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Brain
Intestine Small
Lung

Capsule
Thalamus
Mesentery Nos
Alveolar Epithelium

Adenoma, Nos
Psammoma Bodies
Necrosis, Fat
Hyperplasia, Adenomatous
Inflammation, Focal
Congestion, Nos

Lymph node

Mesenteric Lymph Node

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_046

TRT#: 3
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney

Nephrosis, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
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

Adrenal gland

Kidney

Liver

Lung

Thyroid

Alveolar Epithelium

Cyst, Nos

Nephrosis, Nos

Metamorphosis, Fatty

Hyperplasia, Adenomatous

Inflammation, Focal

Degeneration, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_048

TRT#: 3
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Granulocytic
Brain	Thalamus	Psammoma Bodies
Liver		Hepatocellular Carcinoma
Lung		Alveolar/Bronchiolar Adenoma
		Alveolar/Bronchiolar Carcinoma
Stomach	Omentum Nos	Necrosis, Fat
Unspecified	Multiple Organs Nos	Carcinoma, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_049

TRT#: 3
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Psammoma Bodies
Lymph node	Mesenteric Lymph Node	Angiectasis
Skin	Thorax	Fibrosis
Spleen		Hyperplasia, Lymphoid
Thyroid		Degeneration, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04159
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: HC blue 1
CAS Number: 2784-94-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:54:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_050

TRT#: 3
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Granulocytic
Ear	Middle Ear	Inflammation, Suppurative
Liver		Necrosis, Focal
Lung		Histiocytosis
Preputial gland		Cystic Disease
Spleen		Inflammation, Suppurative
Unspecified	Multiple Organs Nos	Hematopoiesis
Zymbal gland		Lymphoma, Mixed-Malignant Type
		Inflammation, Suppurative
		Squamous Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****