

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

C Number: C53792

Cage Range: All

Date Range: All

Reasons For Removal: All

Removal Date Range: All

Treatment Groups: All

Study Gender: Male

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_001

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone	Femur	Hyperplasia, Focal
Epididymis	Duct Of Epididymis	Mineralization
Kidney		Nephropathy
	Cortex	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Focal
Lung		Bronchopneumonia, Focal
	Bronchiole	Hyperplasia, Epithelial
Lymph node	Mesenteric Lymph Node	Degeneration, Nos
	Mesenteric Lymph Node	Fibrosis
		Inflammation, Nos
Skin	Back	Squamous Cell Carcinoma
Spleen		Fibrosis
		Necrosis, Focal
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_002

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal Pheochromocytoma
Heart		Degeneration, Nos
Intestine Large	Cecum, Colon	Adenomatous Polyp, Nos
Kidney		Nephropathy
	Cortex	Pigmentation, Nos
Lymph node	Mesenteric Lymph Node	Inflammation, Chronic
Spleen		Fibrosis, Focal Osteosarcoma
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Trachea		Inflammation, Acute/Chronic
Unspecified	Multiple Organs Nos	Osteosarcoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_003

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Kidney		Nephropathy
	Cortex	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Focal
Pancreas	Acinus	Atrophy, Focal
Pituitary gland		Hyperplasia, Chromophobe Cell
Prostate		Inflammation, Multifocal
Spleen		Fibrosarcoma
		Fibrosis, Focal
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_004

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
	Cortex	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Focal
	Centrilobular	Necrosis, Focal
Spleen		Fibrosarcoma
		Fibrosis, Multifocal
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Fibrosarcoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_005

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Epididymis

Heart

Kidney

Liver

Lung

Spleen

Testis

Thyroid

Cortex

Bile Duct

Pheochromocytoma

Inflammation, Suppurative

Degeneration, Nos

Nephropathy

Pigmentation, Nos

Cytoplasmic Change, Basophilic

Hyperplasia, Focal

Hyperplasia, Lymphoid

Fibrosarcoma

Fibrosis, Focal

Atrophy, Nos

Interstitial-Cell Tumor

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

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

Brain

Cortex

Astrocytoma

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Cortex

Pigmentation, Nos

Testis

Degeneration, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_007

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Pancreas

Spleen

Testis

Thyroid

Cortex

Bile Duct

Acinus

Red Pulp

Red Pulp

Pheochromocytoma

Degeneration, Nos

Nephropathy

Pigmentation, Nos

Cytoplasmic Change, Basophilic

Hyperplasia, Focal

Alveolar/Bronchiolar Adenoma

Atrophy, Focal

Fibrosis, Multifocal

Pigmentation, Nos

Interstitial-Cell Tumor

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_008

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Pheochromocytoma
Heart		Degeneration, Nos
Kidney		Nephropathy
	Cortex	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Focal
Pancreas	Acinus	Atrophy, Focal
		Dilatation, Ducts
Spleen		Congestion, Nos
	Red Pulp	Fibrosis, Multifocal
Testis		Atrophy, Nos
	Tubule	Degeneration, Nos
		Interstitial-Cell Tumor
Thyroid		Follicular-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_009

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Cortex

Cortex

Liver

Bile Duct

Pancreas

Acinus

Prostate

Spleen

Testis

Tubule

Thyroid

Trachea

Urinary bladder

Pheochromocytoma

Degeneration, Nos

Nephropathy

Pigmentation, Nos

Tubular-Cell Adenoma

Cytoplasmic Change, Basophilic

Hyperplasia, Focal

Atrophy, Focal

Inflammation, Multifocal

Fibrosarcoma

Metamorphosis, Fatty

Atrophy, Nos

Degeneration, Nos

Interstitial-Cell Tumor

Hyperplasia, C Cell

Inflammation, Multifocal

Transitional-Cell Papilloma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_010

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Kidney		Nephropathy
	Cortex	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Focal
Spleen		Congestion, Nos
	Red Pulp	Fibrosis, Multifocal
		Metamorphosis, Fatty
Testis		Atrophy, Nos
	Tubule	Degeneration, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_011

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Tubule

Liver

Pancreas

Spleen

Cortex

Bile Duct

Acinus

Testis

Thyroid

Unspecified

Multiple Organs Nos

Hemosiderosis

Degeneration, Nos

Cyst, Multilocular

Nephropathy

Pigmentation, Nos

Hyperplasia, Focal

Atrophy, Focal

Fibrosarcoma

Fibrosis, Focal

Interstitial-Cell Tumor

C-Cell Carcinoma

Leukemia, Lymphocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_012

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Kidney		Nephropathy
	Cortex	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Focal
		Neoplastic Nodule
Spleen		Fibrosis, Multifocal
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Carcinoma
		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_013

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Prostate

Spleen

Testis

Thyroid

Unspecified

Cortex

Bile Duct

Multiple Organs Nos

Ganglioneuroma

Degeneration, Nos

Nephropathy

Pigmentation, Nos

Cytoplasmic Change, Basophilic

Hyperplasia, Focal

Hyperplasia, Alveolar Epithelium

Inflammation, Multifocal

Fibrosarcoma

Interstitial-Cell Tumor

Hyperplasia, C Cell

Fibrosarcoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_014

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Cortex

Nephropathy

Liver

Bile Duct

Pigmentation, Nos

Pancreas

Spleen

Testis

Capsule

Tubule

Hyperplasia, Nos

Fibrosarcoma, Invasive

Fibrosarcoma

Degeneration, Nos

Interstitial-Cell Tumor

Unspecified

Fibroma

Multiple Organs Nos

Fibrosarcoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_015

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lymph node

Pancreas

Spleen

Testis

Thyroid

Cortex

Bile Duct

Bronchial Lymph Node

Acinus

Red Pulp

Pheochromocytoma

Degeneration, Nos

Nephropathy

Pigmentation, Nos

Cytoplasmic Change, Basophilic

Focal Cellular Change

Hyperplasia, Focal

Hemosiderosis

Atrophy, Diffuse

Dilatation, Ducts

Fibrosis, Multifocal

Atrophy, Nos

Interstitial-Cell Tumor

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_016

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Kidney	Cortex	Cyst, Nos
		Nephropathy
	Cortex	Pigmentation, Nos
Spleen		Angiosarcoma
		Fibrosis, Focal
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_017

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Kidney		Nephropathy
	Cortex	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Focal
	Centrilobular	Necrosis, Focal
Spleen		Fibrosarcoma
Unspecified	Multiple Organs Nos	Fibrosarcoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_018

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Reticulum Cell
Heart		Degeneration, Nos
Kidney		Nephropathy
	Cortex	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Focal
		Inflammation, Granulomatous Focal
Spleen	Red Pulp	Fibrosarcoma
		Fibrosis, Focal
Testis		Atrophy, Nos
	Tubule	Degeneration, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

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

Heart		Degeneration, Nos
Kidney		Nephropathy
	Cortex	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Focal
Spleen		Fibrosis, Focal
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Osteosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_020

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Prostate

Spleen

Testis

Thyroid

Unspecified

Cortex

Bile Duct

Multiple Organs Nos

Pheochromocytoma, Malignant

Degeneration, Nos

Nephropathy

Pigmentation, Nos

Hyperplasia, Focal

Inflammation, Multifocal

Fibrosis, Focal

Metamorphosis, Fatty

Osteosarcoma

Interstitial-Cell Tumor

Hyperplasia, C Cell

Osteosarcoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_021

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplastic Nodule Pheochromocytoma
Heart		Degeneration, Nos
Kidney		Nephropathy
	Cortex	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Focal Neoplastic Nodule
Lung		Hyperplasia, Lymphoid
Prostate		Inflammation, Multifocal
Spleen		Fibrosarcoma
Testis		Atrophy, Nos Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_022

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Liver

Lung

Spleen

Testis

Unspecified

Cortex

Bile Duct

Centrilobular

Bronchiole

Abdominal Cavity

Multiple Organs Nos

Pheochromocytoma, Malignant

Nephropathy

Pigmentation, Nos

Hyperplasia, Focal

Necrosis, Focal

Hyperplasia, Lymphoid

Fibrosarcoma

Interstitial-Cell Tumor

Fibrosarcoma

Fibrosarcoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_023

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Kidney		Nephropathy
	Cortex	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Focal
		Neoplastic Nodule
Pancreas	Acinus	Atrophy, Focal
Peritoneum	Parietal Peritoneum	Hyperplasia, Mesothelial
Pituitary gland		Chromophobe Adenoma
Prostate		Inflammation, Multifocal
Spleen		Fibrosis, Diffuse
	Capsule	Hyperplasia, Mesothelial
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_024

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Brain
Heart
Intestine Large
Kidney
Liver
Lymph node
Pituitary gland
Spleen
Testis

Hypothalamus Nos

Colon
Cortex
Centrilobular
Tracheal Lymph Node

Capsule

Pheochromocytoma
Atrophy, Pressure
Degeneration, Nos
Nematodiasis
Pigmentation, Nos
Necrosis, Focal
Hemorrhage
Chromophobe Adenoma
Sarcoma, Nos
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_025

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Kidney		Nephropathy
	Cortex	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Focal
Lung		Hyperplasia, Lymphoid
Pancreas	Acinus	Atrophy, Diffuse
		Inflammation, Acute/Chronic
Spleen		Osteosarcoma
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_026

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Kidney		Nephropathy
	Cortex	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Focal
		Inflammation, Granulomatous Focal
Lung		Congestion, Passive
		Perivasculitis
Pituitary gland		Hyperplasia, Chromophobe Cell
Spleen	Red Pulp	Congestion, Nos
		Fibrosis, Multifocal
		Metamorphosis, Fatty
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Follicular-Cell Adenoma
		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_027

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Kidney		Nephropathy
	Cortex	Pigmentation, Nos
Liver		Degeneration, Hyaline
	Bile Duct	Hyperplasia, Nos
	Centrilobular	Necrosis, Focal
Lung		Congestion, Passive
Spleen		Fibrosis, Focal
		Metamorphosis, Fatty
		Osteosarcoma
Testis		Atrophy, Nos
	Tubule	Degeneration, Nos
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Osteosarcoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_028

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney
Spleen

Cortex

Pigmentation, Nos
Fibrosarcoma
Fibrosis, Focal

Testis
Unspecified

Multiple Organs Nos

Interstitial-Cell Tumor
Fibrosarcoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_029

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain		Necrosis, Hemorrhagic
Epididymis		Mineralization
Kidney		Nephropathy
	Cortex	Pigmentation, Nos
Prostate		Inflammation, Active Chronic
Testis		Atrophy, Diffuse
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Lymphocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_030

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
	Cardiac Valve	Fibrosis, Focal
Kidney		Nephropathy
	Cortex	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Focal
Pancreas	Acinus	Atrophy, Focal
	Islets	Islet-Cell Carcinoma
Spleen		Congestion, Nos
		Fibrosis, Multifocal
Testis		Metamorphosis, Fatty
Thyroid		Interstitial-Cell Tumor
		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_031

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Spleen

Testis

Cortex

Bile Duct

Pheochromocytoma

Degeneration, Nos

Nephropathy

Pigmentation, Nos

Cytoplasmic Change, Basophilic

Hyperplasia, Focal

Inflammation, Granulomatous Focal

Neoplastic Nodule

Congestion, Nos

Fibrosarcoma

Fibrosis, Diffuse

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_032

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Kidney		Nephropathy
	Cortex	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
		Fibrosarcoma, Metastatic
	Bile Duct	Hyperplasia, Focal
Lymph node		Inflammation, Nos
		Pigmentation, Nos
Pituitary gland		Hyperplasia, Chromophobe Cell
Spleen		Congestion, Nos
		Fibrosarcoma
		Fibrosis, Multifocal
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Carcinoma
		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_033

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney

Cortex Nos

Hyperplasia, Focal
Degeneration, Nos
Nephropathy

Liver

Cortex

Pigmentation, Nos
Cytoplasmic Change, Basophilic

Prostate

Bile Duct

Hyperplasia, Focal
Inflammation, Multifocal

Spleen

Congestion, Nos

Testis

Fibrosis, Multifocal
Metamorphosis, Fatty

Thyroid

Interstitial-Cell Tumor
Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_034

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Kidney		Nephropathy
	Cortex	Pigmentation, Nos
Liver	Hepatic Sinusoid	Congestion, Nos
	Centrilobular	Degeneration, Nos
	Bile Duct	Hyperplasia, Focal
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Fibrosarcoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

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

Heart		Degeneration, Nos
Kidney		Nephropathy
	Cortex	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Focal
		Inflammation, Granulomatous Focal
Spleen		Congestion, Nos
		Fibrosarcoma
		Fibrosis, Focal
Testis		Metamorphosis, Fatty
Thyroid		Interstitial-Cell Tumor
		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_036

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Kidney		Nephropathy
	Cortex	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Focal
Pituitary gland		Chromophobe Adenoma
Spleen		Congestion, Nos
		Fibrosis, Multifocal
Testis		Metamorphosis, Fatty
Thyroid		Interstitial-Cell Tumor
		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_037

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Spleen

Testis

Thyroid

Cortex

Bile Duct

Tubule

Pheochromocytoma

Degeneration, Nos

Nephropathy

Pigmentation, Nos

Cytoplasmic Change, Basophilic

Hyperplasia, Focal

Neoplastic Nodule

Hemangiopericytoma, Nos

Metamorphosis, Fatty

Atrophy, Nos

Degeneration, Nos

Interstitial-Cell Tumor

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_038

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney
Liver
Spleen

Cortex
Centrilobular

Pigmentation, Nos
Necrosis, Focal
Depletion, Lymphoid
Fibrosarcoma
Fibrosis, Focal
Interstitial-Cell Tumor
Fibrosarcoma, Metastatic

Testis
Unspecified

Multiple Organs Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_039

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Epididymis

Heart

Kidney

Liver

Lung

Spleen

Testis

Cardiac Valve

Cortex

Centrilobular

Bile Duct

Bronchus

Red Pulp

Angiectasis

Hemosiderosis

Mineralization

Degeneration, Nos

Fibrosis, Multifocal

Nephropathy

Pigmentation, Nos

Congestion, Nos

Hyperplasia, Focal

Congestion, Nos

Hyperplasia, Lymphoid

Congestion, Nos

Depletion, Lymphoid

Fibrosis, Focal

Hemosiderosis

Necrosis, Focal

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_040

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Nos

Heart

Atrium

Thrombus, Mural

Kidney

Nephropathy

Liver

Cortex

Pigmentation, Nos

Bile Duct

Hyperplasia, Focal

Centrilobular

Necrosis, Focal

Lung

Congestion, Nos

Spleen

Red Pulp

Edema, Nos

Depletion, Lymphoid

Testis

Hemosiderosis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_041

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Kidney		Nephropathy
	Cortex	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Focal
Preputial gland		Abscess, Nos
Spleen		Congestion, Nos
		Depletion, Lymphoid
		Fibrosis, Diffuse
Testis		Atrophy, Nos
	Tubule	Degeneration, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_042

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Intestine Small	Mesentery Nos	Inflammation, Granulomatous Focal
Kidney		Nephropathy
	Cortex	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Focal
Spleen		Fibrosarcoma
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_043

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Cytologic Pheochromocytoma, Malignant
Bone	Femur	Fracture, Healed
Heart		Degeneration, Nos
Kidney		Nephropathy
Liver	Cortex	Pigmentation, Nos Congestion, Passive Fibrosarcoma, Metastatic Focal Cellular Change
Mammary gland		Dilatation, Ducts
Pituitary gland		Chromophobe Adenoma
Spleen		Fibrosarcoma Metamorphosis, Fatty
Testis	Tubule	Atrophy, Nos Degeneration, Nos Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_044

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Kidney		Nephropathy
	Cortex	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Focal
Lung		Hyperplasia, Alveolar Epithelium
	Bronchiole	Hyperplasia, Nos
Pancreas	Acinus	Atrophy, Focal
Skin	Hip	Squamous Cell Papilloma
Spleen		Congestion, Nos
		Fibrosis, Focal
	Red Pulp	Hematopoiesis
	Red Pulp	Metamorphosis, Fatty
Testis		Atrophy, Nos
	Tubule	Degeneration, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Trachea		Inflammation, Multifocal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_046

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain		Hydrocephalus, Nos
Heart		Degeneration, Nos
Kidney		Nephropathy
	Cortex	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Focal
Lung		Hyperplasia, Lymphoid
Pancreas		Atrophy, Focal
Pituitary gland	Acinus	Chromophobe Adenoma
Prostate		Inflammation, Multifocal
Spleen		Congestion, Nos
		Fibrosis, Multifocal
	Red Pulp	Hematopoiesis
		Metamorphosis, Fatty
Stomach		Thrombosis, Nos
Testis		Inflammation, Acute/Chronic
Thyroid		Interstitial-Cell Tumor
		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_047

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Kidney		Nephropathy
	Cortex	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Focal
Lung		Pneumonia, Interstitial Chronic
Spleen		Fibrosis, Focal
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_048

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Mammary gland

Spleen

Stomach

Testis

Cortex

Bile Duct

Pheochromocytoma

Degeneration, Nos

Nephrosis, Nos

Pigmentation, Nos

Cytoplasmic Change, Basophilic

Hyperplasia, Focal

Neoplastic Nodule

Hyperplasia, Focal

Congestion, Nos

Leiomyosarcoma

Metamorphosis, Fatty

Inflammation, Acute/Chronic

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_049

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Kidney		Nephropathy
	Cortex	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Focal
		Neoplastic Nodule
Spleen		Congestion, Nos
		Fibrosarcoma
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_050

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Kidney		Nephropathy
	Cortex	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Focal
Lung		Hyperplasia, Lymphoid
Spleen		Congestion, Nos
		Osteosarcoma
Stomach		Inflammation, Acute/Chronic
Testis		Atrophy, Nos
	Tubule	Degeneration, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_001

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Prostate

Testis

Thyroid

Cortex

Hepatic Sinusoid

Bile Duct

Pheochromocytoma

Degeneration, Nos

Nephropathy

Pigmentation, Nos

Congestion, Nos

Hyperplasia, Focal

Inflammation, Multifocal

Interstitial-Cell Tumor

Follicular-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_002

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Kidney		Nephropathy
	Cortex	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Focal
		Inflammation, Granulomatous Focal
		Neoplastic Nodule
Lung		Hyperplasia, Lymphoid
Pancreas	Acinus	Atrophy, Focal
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Urinary bladder	Submucosa	Hyperplasia, Lymphoid

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_003

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Pancreas

Prostate

Testis

Thyroid

Cortex

Bile Duct

Islets

Pheochromocytoma

Degeneration, Nos

Nephropathy

Pigmentation, Nos

Hyperplasia, Focal

Islet-Cell Carcinoma

Periarteritis

Inflammation, Multifocal

Interstitial-Cell Tumor

C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_004

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Bile Duct

Mammary gland

Pancreas

Acinus

Pituitary gland

Prostate

Skin

Spleen

Testis

Thyroid

Pheochromocytoma

Degeneration, Nos

Nephropathy

Cytoplasmic Change, Basophilic

Hyperplasia, Focal

Neoplastic Nodule

Fibroadenoma

Atrophy, Focal

Hyperplasia, Chromophobe Cell

Inflammation, Multifocal

Fibrosarcoma

Hematopoiesis

Interstitial-Cell Tumor

C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_005

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Preputial gland

Spleen

Testis

Thyroid

Left Atrium Nos

Cortex

Bile Duct

Red Pulp

Pheochromocytoma

Degeneration, Nos

Thrombosis, Nos

Nephropathy

Pigmentation, Nos

Cytoplasmic Change, Basophilic

Hyperplasia, Focal

Carcinoma, Nos

Hematopoiesis

Atrophy, Nos

Interstitial-Cell Tumor

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_006

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Unspecified

Multiple Organs Nos

Leukemia, Lymphocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_007

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Kidney		Mineralization
		Nephropathy
		Pigmentation, Nos
Liver	Centrilobular	Congestion, Acute
	Centrilobular	Necrosis, Nos
Lung		Edema, Nos
Spleen		Depletion, Lymphoid
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_008

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain	Fourth Ventricle Nos	Oligodendroglioma
Heart		Degeneration, Nos
Kidney		Nephropathy
	Cortex	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Focal
Pancreas		Dilatation, Ducts
Pituitary gland		Chromophobe Adenoma
Prostate		Inflammation, Multifocal
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_009

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Kidney		Nephropathy
	Cortex	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Focal
		Inflammation, Granulomatous Focal
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_010

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Nodular

Pheochromocytoma

Heart

Degeneration, Nos

Kidney

Nephropathy

Liver

Cortex

Pigmentation, Nos

Bile Duct

Hyperplasia, Focal

Inflammation, Granulomatous Focal

Pancreas

Islets

Islet-Cell Carcinoma

Testis

Interstitial-Cell Tumor

Thyroid

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_011

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Intestine Small	Mesentery Nos	Inflammation, Granulomatous Focal
Kidney		Nephropathy
	Cortex	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Focal
Pancreas	Acinus	Atrophy, Diffuse
	Islets	Islet-Cell Carcinoma
Testis		Interstitial-Cell Tumor
Thyroid	Follicle	Cyst, Multilocular
		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_012

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart

Atrium

Thrombosis, Nos

Kidney

Nephropathy

Cortex

Pigmentation, Nos

Liver

Centrilobular

Congestion, Nos

Bile Duct

Hyperplasia, Focal

Centrilobular

Necrosis, Focal

Pancreas

Acinus

Atrophy, Focal

Spleen

Hemosiderosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_013

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Intestine Small	Mesentery Nos	Inflammation, Granulomatous Focal
Kidney		Nephropathy
	Cortex	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Focal
Lung		Hyperplasia, Lymphoid
Pituitary gland		Chromophobe Adenoma
Prostate		Inflammation, Multifocal
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_014

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney		Nephropathy
	Cortex	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Focal
Lung		Edema, Nos
Pancreas	Acinus	Atrophy, Diffuse
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_015

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Kidney		Nephropathy
	Cortex	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Focal
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_016

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nodular
Heart		Degeneration, Nos
Kidney		Nephropathy
	Cortex	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Focal
Mammary gland		Dilatation, Ducts
Prostate		Inflammation, Multifocal
Testis		Atrophy, Nos
	Tubule	Degeneration, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_017

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart

Cardiac Valve

Degeneration, Nos

Kidney

Fibrosis, Multifocal

Liver

Cortex

Nephropathy

Testis

Bile Duct

Pigmentation, Nos

Hyperplasia, Focal

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_018

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Testis

Thyroid

Bile Duct

Pheochromocytoma

Degeneration, Nos

Nephropathy

Hyperplasia, Focal

Interstitial-Cell Tumor

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_019

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart Pheochromocytoma, Malignant

Kidney Degeneration, Nos

Cortex Nephropathy

Liver Pigmentation, Nos

Pancreas Bile Duct Hyperplasia, Focal

Parathyroid gland Acinus Atrophy, Focal

Pituitary gland Adenoma, Nos

Testis Chromophobe Carcinoma

Thyroid Interstitial-Cell Tumor

Unspecified Multiple Organs Nos Hyperplasia, C Cell

Leukemia, Lymphocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_020

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Intestine Small	Mesentery Nos	Sarcoma, Nos
Kidney		Nephropathy
	Cortex	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Focal
Pituitary gland		Chromophobe Adenoma
Prostate		Inflammation, Multifocal
Spleen	Red Pulp	Hematopoiesis
Testis		Atrophy, Nos
	Tubule	Degeneration, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_021

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Prostate

Spleen

Testis

Thyroid

Cortex

Bile Duct

Red Pulp

Angiectasis

Degeneration, Nos

Nephropathy

Pigmentation, Nos

Hyperplasia, Focal

Inflammation, Granulomatous Focal

Inflammation, Multifocal

Hematopoiesis

Interstitial-Cell Tumor

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_022

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Pancreas

Testis

Thyroid

Cardiac Valve

Cortex

Bile Duct

Acinus

Pheochromocytoma

Degeneration, Nos

Fibrosis, Multifocal

Nephropathy

Pigmentation, Nos

Cytoplasmic Change, Basophilic

Hyperplasia, Focal

Hyperplasia, Lymphoid

Atrophy, Focal

Interstitial-Cell Tumor

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_023

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Granulocytic
Heart		Degeneration, Nos
Kidney	Pelvis	Mineralization
		Nephropathy
	Cortex	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Focal
	Centrilobular	Necrosis, Diffuse
Spleen		Depletion, Lymphoid
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_024

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Nos

Heart

Degeneration, Nos

Kidney

Nephropathy

Cortex

Pigmentation, Nos

Liver

Cytoplasmic Change, Basophilic

Focal Cellular Change

Bile Duct

Hyperplasia, Focal

Spleen

Red Pulp

Congestion, Nos

Testis

Interstitial-Cell Tumor

Thyroid

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_025

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Kidney		Nephropathy
	Cortex	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Focal
Pituitary gland		Hyperplasia, Chromophobe Cell
Prostate		Inflammation, Multifocal
Spleen		Fibroma
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_026

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Kidney		Nephropathy
	Cortex	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
	Centrilobular	Degeneration, Nos
	Bile Duct	Hyperplasia, Focal
Pancreas	Acinus	Atrophy, Focal
Prostate		Inflammation, Multifocal
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_027

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart Pheochromocytoma, Malignant

Kidney Degeneration, Nos

Liver Nephropathy

Centrilobular Congestion, Nos

Cytoplasmic Change, Basophilic

Bile Duct Hyperplasia, Focal

Spleen Hematopoiesis

Testis Atrophy, Nos

Red Pulp Interstitial-Cell Tumor

Thyroid C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_028

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
	Cardiac Valve	Fibrosis, Multifocal
Kidney		Nephropathy
	Cortex	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Focal
Lung		Hyperplasia, Alveolar Epithelium
		Hyperplasia, Lymphoid
	Bronchiole	Hyperplasia, Nos
Pancreas	Acinus	Atrophy, Focal
Pituitary gland		Chromophobe Adenoma
Preputial gland		Sebaceous Adenocarcinoma
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_029

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Bone marrow

Heart

Kidney

Liver

Mammary gland

Pancreas

Testis

Thyroid

Cardiac Valve

Cortex

Bile Duct

Mammary Acinus

Acinus

Islets

Tubule

Hypoplasia, Nos

Degeneration, Nos

Fibrosis, Multifocal

Nephropathy

Pigmentation, Nos

Hyperplasia, Focal

Hyperplasia, Focal

Atrophy, Focal

Islet-Cell Carcinoma

Atrophy, Nos

Degeneration, Nos

Interstitial-Cell Tumor

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_030

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Kidney		Nephropathy
	Cortex	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Focal
Testis		Interstitial-Cell Tumor
	Tunica Vaginalis	Mesothelioma, Nos
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_031

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Intestine Small	Mesentery Nos	Inflammation, Granulomatous Focal
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Focal
Pancreas	Acinus	Atrophy, Focal
Testis		Atrophy, Nos
	Tubule	Degeneration, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_032

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Prostate

Testis

Thyroid

Trachea

Cortex

Bile Duct

Bronchiole

Pheochromocytoma

Degeneration, Nos

Nephropathy

Pigmentation, Nos

Hyperplasia, Focal

Neoplastic Nodule

Hyperplasia, Alveolar Epithelium

Hyperplasia, Nos

Inflammation, Multifocal

Interstitial-Cell Tumor

Hyperplasia, C Cell

Inflammation, Multifocal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_033

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Focal
Prostate		Inflammation, Multifocal
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_034

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephropathy
	Cortex	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Focal
		Inflammation, Granulomatous Focal
Lung		Hyperplasia, Lymphoid
Pancreas	Acinus	Atrophy, Focal
Parathyroid gland		Hyperplasia, Focal
Pituitary gland		Hyperplasia, Chromophobe Cell
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_035

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Bile Duct

Prostate

Testis

Thyroid

Pheochromocytoma

Degeneration, Nos

Nephropathy

Cytoplasmic Change, Basophilic

Hyperplasia, Focal

Inflammation, Granulomatous Focal

Inflammation, Multifocal

Interstitial-Cell Tumor

C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_036

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Intestine Small	Mesentery Nos	Inflammation, Granulomatous Focal
Kidney		Nephropathy
	Cortex	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Focal
Pancreas	Acinus	Atrophy, Focal
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_037

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Pancreas

Testis

Thyroid

Cardiac Valve

Cortex

Acinus

Pheochromocytoma

Degeneration, Nos

Fibrosis, Multifocal

Nephropathy

Pigmentation, Nos

Cytoplasmic Change, Basophilic

Atrophy, Focal

Interstitial-Cell Tumor

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_038

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Focal
		Inflammation, Granulomatous Focal
Pituitary gland		Chromophobe Adenoma
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_039

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Focal
		Inflammation, Granulomatous Focal
Lung		Hyperplasia, Lymphoid
Pancreas	Acinus	Atrophy, Focal
Pituitary gland		Chromophobe Adenoma
Prostate		Inflammation, Multifocal
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_040

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
	Cardiac Valve	Fibrosis, Multifocal
Intestine Small	Mesentery Nos	Inflammation, Granulomatous Focal
Kidney		Nephropathy
	Cortex	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Focal
		Inflammation, Granulomatous Focal
		Neoplastic Nodule
Lung		Hyperplasia, Lymphoid
Prostate		Inflammation, Multifocal
Spleen	Red Pulp	Hematopoiesis
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_041

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Kidney		Nephropathy
	Cortex	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Focal
Pancreas		Inflammation, Granulomatous Focal
Prostate		Inflammation, Multifocal
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_042

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Pancreas

Testis

Thyroid

Cortex

Bile Duct

Acinus

Ganglioneuroma

Degeneration, Nos

Nephropathy

Pigmentation, Nos

Cytoplasmic Change, Basophilic

Hyperplasia, Focal

Hyperplasia, Lymphoid

Atrophy, Focal

Interstitial-Cell Tumor

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_043

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Intestine Small	Ileum, Ileum	Hyperplasia, Epithelial
	Ileum, Ileum	Inflammation, Necro Granulomatous
	Ileum, Ileum	Intussusception
Kidney		Nephropathy
	Cortex	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
	Centrilobular	Degeneration, Nos
	Bile Duct	Hyperplasia, Focal
Lung		Thrombosis, Nos
Mammary gland		Dilatation, Ducts
Pituitary gland		Adenoma, Nos
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_044

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Prostate

Testis

Thyroid

Trachea

Cortex

Bile Duct

Pheochromocytoma

Degeneration, Nos

Nephropathy

Pigmentation, Nos

Cytoplasmic Change, Basophilic

Hyperplasia, Focal

Neoplastic Nodule

Inflammation, Multifocal

Atrophy, Nos

Interstitial-Cell Tumor

C-Cell Carcinoma

Hyperplasia, C Cell

Inflammation, Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_045

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Reticulum Cell
Heart		Degeneration, Nos
	Cardiac Valve	Fibrosis, Multifocal
Kidney		Nephropathy
	Cortex	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Focal
		Inflammation, Granulomatous Focal
Lung		Hyperplasia, Lymphoid
Prostate		Inflammation, Multifocal
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_046

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Kidney		Nephropathy
	Cortex	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Focal
Mammary gland	Mammary Acinus	Hyperplasia, Focal
Pancreas	Acinus	Atrophy, Focal
Pituitary gland		Chromophobe Adenoma
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_047

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
	Cardiac Valve	Fibrosis, Multifocal
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Focal
		Neoplastic Nodule
Lung		Hyperplasia, Lymphoid
Pancreas	Acinus	Atrophy, Focal
Penis	Prepuce Nos	Keratoacanthoma
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_048

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Kidney		Nephropathy
	Cortex	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Focal
Lung		Hyperplasia, Lymphoid
Pancreas	Acinus	Atrophy, Focal
Testis		Atrophy, Nos
	Tubule	Degeneration, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_049

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lymph node

Testis

Unspecified

Atrium

Centrilobular

Centrilobular

Mesenteric Lymph Node

Abdomen

Pheochromocytoma

Thrombosis, Nos

Nephropathy

Congestion, Acute

Necrosis, Focal

Hemorrhage

Interstitial-Cell Tumor

Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_050

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nodular
Heart		Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Focal Cellular Change
	Bile Duct	Hyperplasia, Focal
Lung		Hyperplasia, Lymphoid
Pancreas	Acinus	Atrophy, Focal
Parathyroid gland		Hyperplasia, Focal
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_001

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Bile Duct

Centrilobular

Parathyroid gland

Pituitary gland

Spleen

Red Pulp

Testis

Unspecified

Multiple Organs Nos

Pheochromocytoma

Degeneration, Nos

Nephropathy

Hyperplasia, Focal

Necrosis, Diffuse

Adenoma, Nos

Hyperplasia, Chromophobe Cell

Depletion, Lymphoid

Hematopoiesis

Interstitial-Cell Tumor

Leukemia, Lymphocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_002

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Preputial gland

Testis

Thyroid

Cortex

Bile Duct

Metamorphosis, Fatty

Degeneration, Nos

Pigmentation, Nos

Hyperplasia, Focal

Carcinoma, Nos

Interstitial-Cell Tumor

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_003

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Bone marrow

Heart

Kidney

Liver

Spleen

Testis

Thyroid

Left Atrium Nos

Cortex

Centrilobular

Bile Duct

Red Pulp

Pheochromocytoma

Metamorphosis, Fatty

Degeneration, Nos

Thrombosis, Nos

Nephropathy

Pigmentation, Nos

Degeneration, Cytologic

Hyperplasia, Focal

Depletion, Lymphoid

Fibrosis, Diffuse

Hemosiderosis

Interstitial-Cell Tumor

C-Cell Adenoma

Follicular-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_004

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Pancreas

Testis

Thyroid

Cortex

Medulla

Bile Duct

Acinus

Pheochromocytoma

Degeneration, Nos

Pigmentation, Nos

Transitional-Cell Carcinoma

Hepatocellular Carcinoma

Hyperplasia, Focal

Atrophy, Focal

Interstitial-Cell Tumor

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_005

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Kidney		Nephropathy
	Cortex	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Focal
Pancreas		Embryonal Rest
Preputial gland		Adenocarcinoma, Nos
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_006

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Focal
Spleen	Red Pulp	Hematopoiesis
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_007

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Kidney		Nephrosis, Nos
Liver	Bile Duct	Hyperplasia, Focal
Pancreas	Acinus	Atrophy, Focal
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_008

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Mammary gland

Testis

Cortex

Pheochromocytoma

Degeneration, Nos

Nephrosis, Nos

Pigmentation, Nos

Fibroma

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_009

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Kidney		Nephropathy
	Cortex	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Focal
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Lymphocytic
	Abdominal Cavity	Mesothelioma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_010

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain		Atrophy, Pressure
		Hydrocephalus, Nos
Heart		Degeneration, Nos
Kidney		Nephropathy
	Cortex	Pigmentation, Nos
Liver		Congestion, Chronic Passive
Pituitary gland		Chromophobe Adenoma
Prostate		Inflammation, Acute Focal
Stomach		Ulcer, Focal
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_011

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Focal Cellular Change
Brain		Hydrocephalus, Nos
Heart		Degeneration, Nos
Kidney		Nephropathy
	Cortex	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Focal
Preputial gland		Carcinoma, Nos
Stomach		Ulcer, Focal
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified		Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_012

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
	Cortex	Pigmentation, Nos
Liver	Portal Tract	Fibrosis
	Bile Duct	Hyperplasia, Focal
	Centrilobular	Necrosis, Focal
Lung		Edema, Nos
Lymph node	Mesenteric Lymph Node	Depletion, Lymphoid
	Mesenteric Lymph Node	Hemorrhage
Skin		Sebaceous Adenoma
Spleen		Depletion, Lymphoid
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_013

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Kidney		Nephrosis, Nos
	Cortex	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Focal
Pancreas	Acinus	Atrophy, Focal
Skin	Groin	Cyst, Epidermal Inclusion
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_014

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Kidney		Nephropathy
	Cortex	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
Pancreas		Inflammation, Acute/Chronic
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_015

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel

Central Veins

Fibrosis, Multifocal

Heart

Cardiac Valve

Fibrosis

Atrium

Thrombosis, Nos

Kidney

Nephropathy

Liver

Congestion, Passive

Spleen

Congestion, Passive

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_016

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Kidney		Nephropathy
	Cortex	Pigmentation, Nos
Pancreas	Acinus	Atrophy, Focal
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Lymphocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_017

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Kidney		Nephropathy
	Cortex	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Focal
Preputial gland		Papillary Adenoma
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_018

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Testis

Thyroid

Unspecified

Cardiac Valve

Cortex

Bile Duct

Groin

Pheochromocytoma

Degeneration, Nos

Fibrosis, Multifocal

Nephropathy

Pigmentation, Nos

Hyperplasia, Focal

Interstitial-Cell Tumor

Hyperplasia, C Cell

Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_019

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone	Vertebral Column	Osteosarcoma
Heart		Degeneration, Nos
Kidney		Nephropathy
	Cortex	Pigmentation, Nos
Lung		Osteosarcoma, Metastatic
Spinal cord		Osteosarcoma, Invasive
Testis		Atrophy, Nos
	Tubule	Degeneration, Nos
		Interstitial-Cell Tumor
Urinary bladder		Inflammation, Acute Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_020

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel	Central Veins	Fibrosis
Brain		Squamous Cell Carcinoma, Metastatic
Kidney		Nephropathy
Parathyroid gland		Hyperplasia, Nos
Skeletal muscle		Lymphocytic Inflammatory Infiltrate
Skin	Head	Squamous Cell Carcinoma
Spleen		Depletion, Lymphoid
		Hemosiderosis
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_021

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Pancreas

Preputial gland

Prostate

Seminal vesicle

Testis

Thyroid

Atrium

Cortex

Bile Duct

Acinus

Tubule

Follicle

Pheochromocytoma

Degeneration, Nos

Thrombosis, Nos

Nephropathy

Pigmentation, Nos

Hyperplasia, Focal

Atrophy, Focal

Cystadenoma, Nos

Inflammation, Multifocal

Hyperplasia, Epithelial

Atrophy, Nos

Degeneration, Nos

Interstitial-Cell Tumor

Cyst, Multilocular

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_022

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Spleen		Depletion, Lymphoid
Testis		Interstitial-Cell Tumor
Thyroid		Follicular-Cell Adenoma
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_023

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland		Pheochromocytoma
Blood vessel	Aortic Tunica Media	Mineralization
Heart		Degeneration, Nos
Kidney		Nephropathy
Liver	Portal Tract	Fibrosis, Multifocal
	Bile Duct	Hyperplasia, Focal
Lung		Congestion, Nos
		Edema, Nos
Parathyroid gland		Hyperplasia, Nos
Spleen		Depletion, Lymphoid
		Hemosiderosis
Stomach	Fundus	Inflammation, Necro Granulomatous
		Mineralization
	Muscularis	Necrosis, Nos
Testis		Degeneration, Nos
		Interstitial-Cell Tumor
	Tunica Vaginalis	Mesothelioma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_024

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Kidney		Nephropathy
	Cortex	Pigmentation, Nos
Liver	Bile Duct	Dilatation, Nos
	Bile Duct	Hyperplasia, Focal
Lung		Squamous Cell Carcinoma, Metastatic
Mammary gland		Fibroadenoma
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Zymbal gland		Squamous Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_025

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Kidney		Nephropathy
	Cortex	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Focal
Lung		Hyperplasia, Lymphoid
	Bronchiole	Hyperplasia, Nos
Pancreas	Acinus	Atrophy, Focal
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Flank	Fibroma
	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_026

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
Brain	Craniobuccal Pouch	Embryonal Rest
Heart		Degeneration, Nos
Kidney		Nephropathy
	Cortex	Pigmentation, Nos
Liver	Centrilobular	Degeneration, Cytologic
	Bile Duct	Hyperplasia, Focal
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
		Mineralization
Unspecified	Multiple Organs Nos	Leukemia, Lymphocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_027

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Intestine Small

Kidney

Liver

Prostate

Testis

Thyroid

Mesentery Nos

Cortex

Bile Duct

Pheochromocytoma

Degeneration, Nos

Inflammation, Granulomatous

Nephropathy

Pigmentation, Nos

Hyperplasia, Focal

Inflammation, Acute/Chronic

Atrophy, Nos

Interstitial-Cell Tumor

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_028

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Pancreas

Pituitary gland

Prostate

Seminal vesicle

Stomach

Testis

Cortex

Acinus

Pheochromocytoma

Degeneration, Nos

Nephropathy

Pigmentation, Nos

Atrophy, Focal

Chromophobe Carcinoma

Inflammation, Acute/Chronic

Hyperplasia, Epithelial

Inflammation, Acute/Chronic

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_029

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Testis

Bile Duct

Ganglioneuroma

Degeneration, Nos

Nephropathy

Hyperplasia, Focal

Atrophy, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_030

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
	Cardiac Valve	Fibrosis, Multifocal
Kidney		Nephropathy
	Cortex	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Focal
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Trachea		Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_031

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Pancreas

Prostate

Testis

Thyroid

Cortex

Acinus

Pheochromocytoma

Degeneration, Nos

Nephropathy

Pigmentation, Nos

Cytoplasmic Change, Basophilic

Atrophy, Focal

Inflammation, Granulomatous Focal

Inflammation, Acute/Chronic

Atrophy, Nos

Interstitial-Cell Tumor

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_032

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Kidney		Nephropathy
	Cortex	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Focal
Pituitary gland		Chromophobe Adenoma
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_033

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Left Ventricle Nos	Endocardiosis
Kidney		Nephropathy
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Lymphocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_034

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Prostate

Testis

Thyroid

Cortex

Bile Duct

Pheochromocytoma

Degeneration, Nos

Nephropathy

Pigmentation, Nos

Cytoplasmic Change, Basophilic

Hyperplasia, Focal

Inflammation, Multifocal

Interstitial-Cell Tumor

C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_035

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Kidney		Nephropathy
	Cortex	Pigmentation, Nos
Liver		Focal Cellular Change
		Inflammation, Granulomatous Focal
Pancreas	Islets	Islet-Cell Adenoma
Pituitary gland		Chromophobe Adenoma
Spleen		Fibrosis, Focal
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_036

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Prostate

Testis

Thyroid

Unspecified

Cortex

Bile Duct

Groin

Pheochromocytoma

Degeneration, Nos

Nephropathy

Pigmentation, Nos

Cytoplasmic Change, Basophilic

Hyperplasia, Focal

Inflammation, Multifocal

Interstitial-Cell Tumor

Hyperplasia, C Cell

Keratoacanthoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_037

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Brain

Heart

Kidney

Liver

Mammary gland

Prostate

Testis

Thyroid

Unspecified

Medulla Oblongata Nos

Cortex

Bile Duct

Multiple Organs Nos

Pheochromocytoma

Hematoma, Nos

Degeneration, Nos

Pigmentation, Nos

Hyperplasia, Focal

Dilatation, Ducts

Inflammation, Multifocal

Hyperplasia, Interstitial Cell

Hyperplasia, C Cell

Leukemia, Lymphocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_038

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Intestine Large	Colon	Nematodiasis
Kidney		Nephropathy
Liver	Centrilobular	Degeneration, Cytologic
	Bile Duct	Hyperplasia, Focal
Lung		Hyperplasia, Lymphoid
Prostate		Inflammation, Acute/Chronic
Seminal vesicle		Hyperplasia, Epithelial
Stomach	Submucosa	Hyperplasia, Lymphoid
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_039

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Intestine Small	Mesentery Nos	Inflammation, Granulomatous
Kidney		Nephropathy
	Cortex	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Focal
Preputial gland		Carcinoma, Nos
Testis		Interstitial-Cell Tumor
Trachea		Inflammation, Multifocal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_040

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Pituitary gland

Testis

Thyroid

Unspecified

Myocardium Nos

Cortex

Bile Duct

Tubule

Pheochromocytoma

Degeneration, Nos

Nephropathy

Pigmentation, Nos

Hyperplasia, Focal

Hyperplasia, Alveolar Epithelium

Chromophobe Adenoma

Atrophy, Nos

Degeneration, Nos

Interstitial-Cell Tumor

Hyperplasia, C Cell

Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_041

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Granulocytic
Heart		Degeneration, Nos
Kidney		Nephropathy
	Cortex	Pigmentation, Nos
Pancreas	Acinus	Atrophy, Focal
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Fibrous Histiocytoma, Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_042

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Cortex

Mammary gland

Prostate

Testis

Thyroid

Unspecified

Multiple Organs Nos

Pheochromocytoma

Degeneration, Nos

Nephropathy

Pigmentation, Nos

Dilatation, Ducts

Inflammation, Multifocal

Interstitial-Cell Tumor

Hyperplasia, C Cell

Leukemia, Lymphocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_043

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Blood vessel	Central Veins	Fibrosis, Multifocal
Heart		Degeneration, Nos
	Cardiac Valve	Fibrosis, Multifocal
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Hepatocytes	Degeneration, Nos
	Bile Duct	Hyperplasia, Focal
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Pituitary gland		Chromophobe Adenoma
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_044

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
	Cardiac Valve	Fibrosis, Multifocal
Kidney		Nephropathy
	Cortex	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Focal
	Hepatocytes	Necrosis, Focal
Pancreas	Acinus	Atrophy, Focal
Prostate		Inflammation, Acute Focal
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Lymphocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_045

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Kidney		Nephropathy
	Cortex	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Focal
Pancreas	Acinus	Atrophy, Focal
Preputial gland		Adenoma, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_046

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain		Hemorrhage
Kidney	Cortex	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Focal
Prostate		Inflammation, Chronic Necrotizing
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Lymphocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_047

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Pheochromocytoma
Brain		Necrosis, Focal
Heart		Degeneration, Nos
	Left Atrium Nos	Thrombosis, Nos
Intestine Small	Mesentery Nos	Thrombosis, Nos
Kidney		Nephropathy
	Cortex	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Nos
Pancreas	Acinus	Atrophy, Focal
	Islets	Hyperplasia, Nos
Pituitary gland		Chromophobe Adenoma
Testis		Atrophy, Diffuse
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Lymphocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_048

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain	Ventral Thalamus	Atrophy, Pressure
Eye	Iris	Congestion, Nos
	Lens, Capsule	Degeneration, Cytologic
	Retina	Degeneration, Nos
	Iris	Inflammation, Nos
	Cornea	Ulcer, Nos
Heart		Degeneration, Nos
Kidney		Nephropathy
Liver	Centrilobular	Degeneration, Cytologic
	Bile Duct	Hyperplasia, Focal
Lymph node	Mandibular Lymph Node	Hemorrhage
Pancreas	Acinus	Atrophy, Focal
Pituitary gland		Chromophobe Adenoma
		Hemorrhage
Prostate		Inflammation, Acute/Chronic
Spleen	Red Pulp	Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:21

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

Heart		Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Focal
Prostate		Inflammation, Multifocal
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53792

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D & C red no. 9

CAS Number: 5160-02-1

Date Report Requested: 10/26/2014

Time Report Requested: 11:22:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_050

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Pancreas

Testis

Trachea

Cortex

Bile Duct

Pheochromocytoma

Degeneration, Nos

Nephropathy

Pigmentation, Nos

Hyperplasia, Focal

Inflammation, Chronic Focal

Interstitial-Cell Tumor

Inflammation, Focal

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****

* PROTOCOL REQUIRED TISSUE