

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

**C Number:** C53781

**Cage Range:** All

**Date Range:** All

**Reasons For Removal:** All

**Removal Date Range:** All

**Treatment Groups:** All

**Study Gender:** Female

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_001

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Bone marrow

Liver

Pituitary gland

Hyperplasia, Reticulum Cell

Cytoplasmic Change, Basophilic

Hyperplasia, Chromophobe Cell

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_002

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Blood vessel	Coronary Artery Nos	Inflammation, Chronic
Brain	Hypothalamus Nos	Atrophy, Pressure
Eye	Retina	Atrophy, Nos
Heart		Degeneration, Nos
Liver		Cytoplasmic Change, Basophilic
		Granuloma, Nos
Mammary gland		Hyperplasia, Nodular
Pituitary gland		Angiectasis
		Congestion, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 1\_003

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Zona Fasciculata

Hyperplasia, Nodular

Eye

Retina

Atrophy, Nos

Lens, Capsule

Mineralization

Liver

Cytoplasmic Change, Basophilic

Neoplastic Nodule

Lymph node

Mesenteric Lymph Node

Granuloma, Nos

Mammary gland

Hyperplasia, Epithelial

Pituitary gland

Hemorrhage

Thyroid

Hyperplasia, Chromophobe Cell

Uterus

Endometrial Gland

Hyperplasia, C Cell

Cyst, Multiple

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_004

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Zona Reticularis

Hyperplasia, Nodular

Liver

Cytoplasmic Change, Basophilic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_005

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Liver  
Pituitary gland  
Thyroid

Cytoplasmic Change, Basophilic  
Hyperplasia, Chromophobe Cell  
Hyperplasia, C Cell

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_006

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Zona Fasciculata

Hyperplasia, Nodular

Liver

Cytoplasmic Change, Basophilic

Lung

Granuloma, Nos

Lymph node

Mesenteric Lymph Node

Granuloma, Nos

Pituitary gland

Hyperplasia, Chromophobe Cell

Uterus

Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_007

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Liver	Centrilobular	Necrosis, Focal
Lung		Hyperplasia, Lymphoid
Spleen		Congestion, Nos
		Depletion, Lymphoid
		Hemosiderosis
Thymus		Hemorrhage

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_008

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Lung

Granuloma, Foreign Body

Mammary gland

Hyperplasia, Cystic

Pancreas

Acinus

Atrophy, Diffuse

Pituitary gland

Chromophobe Adenoma

Thyroid

Hyperplasia, C Cell

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_009

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Medulla

Angiectasis

Hyperplasia, Focal

Zona Fasciculata

Hyperplasia, Nodular

Kidney

Cortex

Pigmentation, Nos

Lymph node

Mesenteric Lymph Node

Granuloma, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_010

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Kidney

Zona Fasciculata

Lipoidosis

Liver  
Lung  
Mammary gland  
Pancreas  
Thyroid

Cortex

Nephropathy  
Pigmentation, Nos  
Cytoplasmic Change, Basophilic  
Inflammation, Granulomatous Focal

Uterus

Acinus

Hyperplasia, Nos  
Atrophy, Focal  
Cyst, Colloid  
Hyperplasia, C Cell  
Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_011

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Cortex

Nephropathy

Mammary gland

Pigmentation, Nos

Pituitary gland

Hyperplasia, Nos

Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_012

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Nephropathy

Liver

Cortex

Pigmentation, Nos

Mammary gland

Cytoplasmic Change, Basophilic

Pituitary gland

Granuloma, Nos

Hyperplasia, Cystic

Hyperplasia, Chromophobe Cell

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_013

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Cortex

Nephropathy

Liver

Pigmentation, Nos

Pituitary gland

Cytoplasmic Change, Basophilic

Cytoplasmic Vacuolization

Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_014

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney	Cortex	Pigmentation, Nos
Lung		C-Cell Carcinoma, Metastatic
Lymph node	Mediastinal Lymph Node	C-Cell Carcinoma, Metastatic
Pituitary gland		Carcinoma, Nos
Thyroid		C-Cell Carcinoma
Unspecified	Neck	C-Cell Carcinoma, Invasive

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_015

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Bone marrow

Liver

Uterus

Hyperplasia, Reticulum Cell

Cytoplasmic Change, Basophilic

Dilatation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_016

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Angiectasis

Kidney

Cortex

Pigmentation, Nos

Liver

Cytoplasmic Change, Basophilic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_017

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Blood vessel

Pulmonary Vein Nos

Mineralization

Kidney

Pigmentation, Nos

Liver

Fibrosarcoma, Metastatic

Lymph node

Mesenteric Lymph Node

Depletion, Lymphoid

Bronchial Lymph Node

Fibrosarcoma, Metastatic

Mesenteric Lymph Node

Hemosiderosis

Pancreas

Acinus

Fibrosarcoma, Invasive

Spleen

Necrosis, Focal

Fibrosarcoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_018

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Zona Fasciculata

Angiectasis

Eye

Zona Fasciculata

Hyperplasia, Nodular

Liver

Retina

Atrophy, Nos

Thyroid

Cytoplasmic Change, Basophilic

Uterus

Endometrial Gland

C-Cell Carcinoma

Cyst, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_019

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Lipoidosis

Kidney

Cortex

Pigmentation, Nos

Liver

Cytoplasmic Change, Basophilic

Mammary gland

Hyperplasia, Cystic

Thyroid

Hyperplasia, C Cell

Uterus

Endometrial Gland

Cyst, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_020

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Pelvis

Hyperplasia, Epithelial

Liver

Cytoplasmic Change, Basophilic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_021

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney  
Lung  
Mammary gland

Cortex

Pigmentation, Nos  
Histiocytosis  
Fibroadenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_022

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Cortex

Pigmentation, Nos

Liver

Cytoplasmic Change, Basophilic

Thyroid

Cyst, Colloid

Uterus

Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_023

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney  
Pituitary gland

Cortex

Pigmentation, Nos  
Hyperplasia, Chromophobe Cell

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_024

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Cortex

Pigmentation, Nos

Liver

Cytoplasmic Change, Basophilic

Granuloma, Nos

Pituitary gland

Chromophobe Adenoma

Thyroid

Hyperplasia, C Cell

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_025

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Zona Fasciculata

Hyperplasia, Nodular

Kidney

Medulla

Hyperplasia, Nos

Liver

Cortex

Cytoplasmic Change, Basophilic

Nephropathy

Pigmentation, Nos

Granuloma, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_026

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney  
Lymph node  
Mammary gland  
Ovary

Cortex  
Mesenteric Lymph Node

Pigmentation, Nos  
Granuloma, Nos  
Fibroadenoma  
Granulosa-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_027

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Cortex

Pigmentation, Nos

Liver

Cytoplasmic Change, Basophilic

Ovary

Cyst, Corpus Luteum

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_028

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Lymph node

Mandibular Lymph Node

Hemorrhage

Unspecified

Multiple Organs Nos

Lymphoma, Lymphocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_029

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Zona Fasciculata

Hyperplasia, Nodular

Heart

Degeneration, Nos

Kidney

Cortex

Pigmentation, Nos

Liver

Cytoplasmic Change, Basophilic

Mammary gland

Hyperplasia, Cystic

Pituitary gland

Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_030

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Liver		Cytoplasmic Change, Basophilic
Lung		Histiocytosis
Lymph node	Mesenteric Lymph Node	Granuloma, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_031

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Brain	Hypothalamus Nos	Atrophy, Pressure
Kidney	Cortex	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
Mammary gland		Hyperplasia, Nodular
Pituitary gland		Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_032

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Cortex

Pigmentation, Nos

Liver

Cytoplasmic Change, Basophilic

Thyroid

C-Cell Carcinoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_033

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Cortex

Pigmentation, Nos

Liver

Cytoplasmic Change, Basophilic

Thyroid

Degeneration, Nos

Uterus

Hyperplasia, C Cell

Dilatation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_034

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Cortex

Inflammation, Interstitial

Liver

Pigmentation, Nos

Lung

Cytoplasmic Change, Basophilic

Mammary gland

Hyperplasia, Lymphoid

Pituitary gland

Hyperplasia, Nodular

Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_035

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Brain	Atrophy, Pressure
Kidney	Mineralization
	Pigmentation, Nos
Liver	Cytoplasmic Vacuolization
Lung	Hyperplasia, Lymphoid
Pituitary gland	Chromophobe Adenoma
Spleen	Depletion, Lymphoid

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_036

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Zona Fasciculata

Cytoplasmic Change, Basophilic

Kidney

Cortex

Pigmentation, Nos

Liver

Cytoplasmic Change, Basophilic

Ovary

Fibrosarcoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_037

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Heart  
Intestine Small  
Kidney

Cortex Nos  
Cardiac Valve  
Mesentery Nos

Cortex

Liver  
Mammary gland  
Pancreas

Acinus

Lipoidosis  
Inflammation, Chronic  
Periarteritis  
Inflammation, Interstitial  
Pigmentation, Nos  
Cytoplasmic Change, Basophilic  
Hyperplasia, Cystic  
Atrophy, Focal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_038

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Liver

Cortex Nos

Angiectasis  
Cytoplasmic Change, Basophilic  
Degeneration, Nos

Lymph node  
Thyroid

Mandibular Lymph Node

Granuloma, Nos  
Hyperplasia, C Cell

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_039

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Zona Fasciculata

Adenoma, Nos

Kidney

Cortex

Pigmentation, Nos

Liver

Cytoplasmic Change, Basophilic

Portal Tract

Inflammation, Chronic

Lung

Histiocytosis

Unspecified

Multiple Organs Nos

Lymphoma, Lymphocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_040

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney	Cortex	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
		Hepatocellular Carcinoma
Pancreas	Acinus	Atrophy, Focal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_041

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye

Retina

Atrophy, Nos

Kidney

Crystalline Lens

Mineralization

Liver

Cortex

Pigmentation, Nos

Uterus

Cytoplasmic Change, Basophilic

Neoplastic Nodule

Dilatation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_042

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney  
Liver  
Lung  
Salivary gland

Cortex

Pigmentation, Nos  
Focal Cellular Change  
Histiocytosis  
Atrophy, Focal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_043

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Zona Fasciculata

Hyperplasia, Nodular

Kidney

Zona Fasciculata

Lipoidosis

Liver

Cortex

Pigmentation, Nos

Mammary gland

Cytoplasmic Change, Basophilic

Pituitary gland

Fibroadenoma

Uterus

Endometrial Gland

Hyperplasia, Chromophobe Cell

Cyst, Nos

Dilatation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_044

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Hyperplasia, Nodular

Kidney

Cortex

Pigmentation, Nos

Liver

Cytoplasmic Change, Basophilic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_045

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Angiectasis

Zona Fasciculata

Hyperplasia, Focal

Kidney

Pelvis

Inflammation, Granulomatous Focal

Cortex

Pigmentation, Nos

Liver

Cytoplasmic Change, Basophilic

Spleen

Leukemia, Lymphocytic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_046

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Zona Fasciculata

Hyperplasia, Nodular

Heart

Degeneration, Nos

Kidney

Cortex

Pigmentation, Nos

Liver

Cytoplasmic Change, Basophilic

Pancreas

Acinus

Atrophy, Focal

Thyroid

Hyperplasia, C Cell

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_047

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Cortex

Nephropathy

Liver

Pigmentation, Nos

Lymph node

Mesenteric Lymph Node

Cytoplasmic Change, Basophilic

Uterus

Focal Cellular Change

Granuloma, Nos

Dilatation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_048

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Hyperplasia, Nodular

Kidney

Cortex

Pigmentation, Nos

Liver

Cytoplasmic Change, Basophilic

Thyroid

Hyperplasia, C Cell

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_049

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Zona Fasciculata

Hyperplasia, Nodular

Kidney

Cortex

Pigmentation, Nos

Liver

Cytoplasmic Change, Basophilic

Bile Duct

Hyperplasia, Focal

Lymph node

Mesenteric Lymph Node

Granuloma, Nos

Pituitary gland

Hyperplasia, Chromophobe Cell

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_050

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Cortex

Pigmentation, Nos

Liver

Cytoplasmic Change, Basophilic

Uterus

Dilatation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_001

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Liver

Centrilobular

Cytoplasmic Change, Basophilic

Spleen

Necrosis, Nos

Unspecified

Hematopoiesis

Sarcoma, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_002

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart		Degeneration, Nos
Liver		Cytoplasmic Change, Basophilic
Uterus	Endometrial Gland	Cyst, Multiple

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_003

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Brain	Hypothalamus Nos	Atrophy, Pressure
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Focal
Mammary gland		Fibroadenoma
		Hyperplasia, Cystic
Pituitary gland		Chromophobe Adenoma
Thyroid		C-Cell Carcinoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_004

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Necrosis, Focal

Brain

Necrosis, Hemorrhagic

Kidney

Pigmentation, Nos

Liver

Necrosis, Focal

Unspecified

Multiple Organs Nos

Leukemia, Lymphocytic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_005

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Blood vessel	Coronary Artery Nos	Degeneration, Nos
Heart	Cardiac Valve	Inflammation, Chronic Focal
Kidney	Cortex	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
		Focal Cellular Change
Thyroid		Hyperplasia, C Cell
Uterus	Endometrial Gland	Cyst, Multiple
		Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_006

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Mammary gland

Hyperplasia, Cystic

Pituitary gland

Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_007

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Cortex

Pigmentation, Nos

Liver

Cytoplasmic Change, Basophilic

Granuloma, Nos

Pituitary gland

Chromophobe Adenoma

Uterus

Cervix Uteri

Hyperplasia, Stromal

Cervix Uteri

Inflammation, Chronic Focal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_008

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart		Neurilemoma
Kidney	Cortex	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
Uterus		Dilatation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_009

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Liver

Mammary gland

Uterus

Endometrial Gland

Pheochromocytoma

Cytoplasmic Change, Basophilic

Adenoma, Nos

Cyst, Multiple

Endometrial Stromal Polyp

Hyperplasia, Epithelial

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_010

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Angiectasis

Liver

Cytoplasmic Change, Basophilic

Neoplastic Nodule

Lung

Granuloma, Nos

Pituitary gland

Hyperplasia, Chromophobe Cell

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_011

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Zona Fasciculata

Hyperplasia, Nodular

Bone marrow

Hyperplasia, Hematopoietic

Heart

Degeneration, Nos

Liver

Cytoplasmic Change, Basophilic

Mammary gland

Carcinosarcoma

Pituitary gland

Hyperplasia, Chromophobe Cell

Spleen

Hematopoiesis

Uterus

Carcinosarcoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_012

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart		Degeneration, Nos
Kidney	Cortex	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
		Necrosis, Focal
Mammary gland		Hyperplasia, Cystic
Thyroid		Hyperplasia, C Cell

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_013

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Zona Fasciculata

Hyperplasia, Nodular

Liver

Cytoplasmic Change, Basophilic

Necrosis, Focal

Pituitary gland

Hyperplasia, Chromophobe Cell

Thyroid

Hyperplasia, C Cell

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_014

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Brain	Craniobuccal Pouch	Cystic Ducts
Heart		Degeneration, Nos
Kidney	Cortex	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
Mammary gland		Fibroadenoma
Thyroid		Hyperplasia, C Cell

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_015

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Zona Fasciculata

Lipoidosis

Liver

Cytoplasmic Change, Basophilic

Thyroid

Hyperplasia, C Cell

Uterus

Endometrial Gland

Cyst, Multiple

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_016

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Brain

Hypothalamus Nos

Atrophy, Pressure

Liver

Cytoplasmic Change, Basophilic

Necrosis, Focal

Mammary gland

Hyperplasia, Nodular

Pituitary gland

Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_017

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart		Degeneration, Nos
Lymph node	Mandibular Lymph Node	Hemorrhage
Mammary gland		Fibroadenoma
		Hyperplasia, Cystic
Pituitary gland		Chromophobe Adenoma
Unspecified	Tail	Hyperkeratosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_018

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Nasal cavity

Unspecified

Neck

Squamous Cell Carcinoma, Invasive

Squamous Cell Carcinoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_019

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Zona Fasciculata

Hyperplasia, Nodular

Liver

Zona Fasciculata

Lipoidosis

Mammary gland

Cytoplasmic Change, Basophilic

Pituitary gland

Hyperplasia, Cystic

Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_020

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Leukemia, Lymphocytic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_021

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Zona Fasciculata

Lipoidosis

Brain

Craniobuccal Pouch

Cystic Ducts

Heart

Degeneration, Nos

Kidney

Inflammation, Interstitial

Liver

Cytoplasmic Change, Basophilic

Portal Tract

Inflammation, Chronic Focal

Thyroid

Hyperplasia, C Cell

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_022

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Brain

Heart

Liver

Lung

Mammary gland

Uterus

Craniobuccal Pouch

Ganglioneuroblastoma

Cystic Ducts

Degeneration, Nos

Cytoplasmic Change, Basophilic

Ganglioneuroblastoma, Metastatic

Cyst, Nos

Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_023

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Kidney

Mammary gland

Ovary

Cortex

Pheochromocytoma

Cyst, Nos

Fibroadenoma

Hyperplasia, Cystic

Cyst, Parovarian

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_024

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Intestine Small  
Kidney  
Liver  
Mammary gland  
Pituitary gland  
Uterus

Zona Fasciculata  
Mesentery Nos  
Cortex  
  
Endometrial Gland

Hyperplasia, Nodular  
Inflammation, Chronic Focal  
Pigmentation, Nos  
Cytoplasmic Change, Basophilic  
Adenocarcinoma, Nos  
Chromophobe Adenoma  
Cyst, Multiple  
Dilatation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_025

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Heart

Liver

Mammary gland

Cortical Adenoma

Degeneration, Nos

Angiectasis

Cytoplasmic Change, Basophilic

Fibroadenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_026

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Zona Fasciculata

Hyperplasia, Nodular

Brain

Hypothalamus Nos

Atrophy, Pressure

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Mammary gland

Hyperplasia, Cystic

Pituitary gland

Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_027

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Zona Fasciculata

Hyperplasia, Nodular

Intestine Small

Mesentery Nos

Inflammation, Granulomatous Focal

Kidney

Cortex

Pigmentation, Nos

Liver

Cytoplasmic Change, Basophilic

Mammary gland

Fibroadenoma

Thyroid

Hyperplasia, Cystic

Uterus

Endometrial Gland

C-Cell Carcinoma

Cyst, Multiple

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_028

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Zona Fasciculata

Hyperplasia, Nodular

Heart

Degeneration, Nos

Liver

Cytoplasmic Change, Basophilic

Lymph node

Mesenteric Lymph Node

Hemorrhage

Uterus

Endometrial Gland

Cyst, Multiple

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_029

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Mammary gland

Mammary Duct

Adenocarcinoma, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_030

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Blood vessel

Coronary Artery Nos

Inflammation, Chronic

Heart

Degeneration, Nos

Liver

Cytoplasmic Change, Basophilic

Inflammation, Chronic Focal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_031

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Degeneration, Nos
Liver	Cytoplasmic Change, Basophilic
Thyroid	Hyperplasia, C Cell

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_032

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Zona Fasciculata

Hyperplasia, Nodular

Heart

Zona Fasciculata

Lipoidosis

Kidney

Degeneration, Nos

Liver

Nephropathy

Mammary gland

Cytoplasmic Change, Basophilic

Pituitary gland

Fibroadenoma

Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_033

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart		Degeneration, Nos
Liver		Cytoplasmic Change, Basophilic
Mammary gland		Fibroadenoma
		Fibrosis
		Hyperplasia, Nodular
Pancreas	Acinus	Atrophy, Focal
Salivary gland		Atrophy, Focal
Uterus	Endometrial Gland	Cyst, Multiple

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_034

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Zona Fasciculata

Hyperplasia, Nodular

Brain

Hypothalamus Nos

Atrophy, Pressure

Heart

Degeneration, Nos

Liver

Cytoplasmic Change, Basophilic

Mammary gland

Fibroadenoma

Pituitary gland

Hyperplasia, Cystic

Uterus

Chromophobe Adenoma

Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_035

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Bone marrow

Hyperplasia, Hematopoietic

Kidney

Infarct, Focal

Liver

Cytoplasmic Change, Basophilic

Spleen

Hematopoiesis

Unspecified

Multiple Organs Nos

Leiomyosarcoma

Uterus

Endometrial Gland

Hyperplasia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_036

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Degeneration, Nos
Kidney	Nephropathy
Liver	Cytoplasmic Change, Basophilic
Pituitary gland	Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_037

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Angiectasis

Zona Fasciculata

Lipoidosis

Blood vessel

Coronary Artery Nos

Pheochromocytoma

Intestine Small

Mesentery Nos

Inflammation, Chronic

Liver

Lymphocytic Inflammatory Infiltrate

Cytoplasmic Change, Basophilic

Inflammation, Chronic Focal

Necrosis, Focal

Mammary gland

Hyperplasia, Cystic

Pituitary gland

Chromophobe Adenoma

Thyroid

Hyperplasia, C Cell

Unspecified

Fibroma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_038

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Heart

Liver

Lung

Pancreas

Pituitary gland

Skin

Uterus

Left Atrium Nos

Acinus

Pheochromocytoma, Malignant

Thrombosis, Nos

Congestion, Chronic Passive

Hemosiderosis

Atrophy, Focal

Adenoma, Nos

Edema, Nos

Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_039

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Medulla

Hyperplasia, Nos

Brain

Granular-Cell Tumor, Benign

Meninges

Inflammation, Chronic Focal

Heart

Degeneration, Nos

Liver

Cytoplasmic Change, Basophilic

Mammary gland

Fibroadenoma

Pituitary gland

Hyperplasia, Cystic

Thyroid

Hyperplasia, Chromophobe Cell

Hyperplasia, C Cell

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_040

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Zona Fasciculata

Hyperplasia, Nodular

Heart

Degeneration, Nos

Liver

Cytoplasmic Change, Basophilic

Pituitary gland

Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_041

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Zona Fasciculata

Hyperplasia, Nodular

Liver

Cytoplasmic Change, Basophilic

Necrosis, Focal

Unspecified

Multiple Organs Nos

Lymphoma, Lymphocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_042

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Brain	Hypothalamus Nos	Atrophy, Pressure
Liver		Cytoplasmic Change, Basophilic
Pituitary gland		Chromophobe Adenoma
Thyroid		Hyperplasia, C Cell
Unspecified		Leiomyosarcoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_043

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart		Degeneration, Nos
Liver		Cytoplasmic Change, Basophilic
Unspecified	Neck	Cyst, Thyroglossal Duct
Uterus		Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_044

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Lipoidosis

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Mammary gland

Fibroadenoma

Ovary

Granulosa-Cell Tumor

Thyroid

Hyperplasia, C Cell

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_045

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Kidney

Liver

Spleen

Tubule

Ganglioneuroma

Mineralization

Pigmentation, Nos

Mineralization

Pigmentation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_046

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Liver

Cytoplasmic Change, Basophilic

Granuloma, Nos

Necrosis, Focal

Pituitary gland

Hyperplasia, Chromophobe Cell

Uterus

Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_047

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Brain	Hypothalamus Nos	Atrophy, Pressure
Heart		Degeneration, Nos
Intestine Large	Colon	Nematodiasis
Kidney	Cortex	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
		Granuloma, Nos
Pituitary gland		Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_048

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Liver	Cytoplasmic Change, Basophilic
Mammary gland	Hyperplasia, Cystic
Pituitary gland	Hyperplasia, Chromophobe Cell
Thyroid	Cyst, Colloid

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_049

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart		Degeneration, Nos
Intestine Small	Mesentery Nos	Cyst, Nos
Liver		Cytoplasmic Change, Basophilic
Pituitary gland		Hyperplasia, Chromophobe Cell
Thyroid		Hyperplasia, C Cell

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_050

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Chronic Focal Thrombosis, Nos
Liver		Granuloma, Nos
Lung		Inflammation, Interstitial
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_001

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Zona Fasciculata

Hyperplasia, Nodular

Liver

Cytoplasmic Change, Basophilic

Neoplastic Nodule

Mammary gland

Fibroadenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_002

**TRT#:** 3

**DOSE:** 0

**SEX:** Female

**DISP:** Scheduled Sacrifice

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Liver

Pituitary gland

Thyroid

Cytoplasmic Change, Basophilic

Hyperplasia, Chromophobe Cell

Hyperplasia, C Cell

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_003

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Focal
Pituitary gland		Hyperplasia, Chromophobe Cell
Unspecified	Multiple Organs Nos	Leukemia, Lymphocytic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_004

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Chronic Focal
Liver		Cytoplasmic Change, Basophilic Granuloma, Nos
		Thrombosis, Nos
Mammary gland		Cyst, Multiple Fibroadenoma
Parathyroid gland		Degeneration, Nos
Unspecified	Multiple Organs Nos	Leukemia, Lymphocytic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_005

**TRT#:** 3

**DOSE:** 0

**SEX:** Female

**DISP:** Natural Death

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Lung

Ovary

Salivary gland

Unspecified

Uterus

Pheochromocytoma

Edema, Nos

Cyst, Nos

Edema, Nos

Edema, Nos

Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 3\_006

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Cortical Carcinoma

Ganglioneuroma

Cortex Nos

Hemorrhage

Cortex Nos

Lipoidosis

Heart

Degeneration, Nos

Intestine Large

Colon

Nematodiasis

Mammary gland

Cyst, Nos

Pituitary gland

Chromophobe Adenoma

Uterus

Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_007

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Zona Fasciculata

Hyperplasia, Nodular

Heart

Degeneration, Nos

Liver

Cytoplasmic Change, Basophilic

Pancreas

Acinus

Atrophy, Focal

Thyroid

Hyperplasia, C Cell

Unspecified

Multiple Organs Nos

Leukemia, Lymphocytic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_008

**TRT#:** 3

**DOSE:** 0

**SEX:** Female

**DISP:** Scheduled Sacrifice

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Liver	Cytoplasmic Change, Basophilic
Mammary gland	Cyst, Nos
Ovary	Hyperplasia, Granulosa Cell
Thyroid	Hyperplasia, C Cell

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 3\_009

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Brain  
Heart  
Intestine Large  
Kidney  
Liver  
Lung  
Mammary gland  
Pituitary gland  
Uterus

Medulla  
Hypothalamus Nos  
Left Atrium Nos  
Colon  
Bile Duct

Hyperplasia, Nos  
Atrophy, Pressure  
Thrombus, Organized  
Nematodiasis  
Nephropathy  
Hyperplasia, Diffuse  
Edema, Nos  
Fibroadenoma  
Chromophobe Adenoma  
Endometrial Stromal Polyp

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_010

**TRT#:** 3

**DOSE:** 0

**SEX:** Female

**DISP:** Moribund Sacrifice

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Heart	Degeneration, Nos
Liver	Cytoplasmic Change, Basophilic
Mammary gland	Cyst, Multiple
Pituitary gland	Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_011

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Liver

Cytoplasmic Change, Basophilic

Thyroid

Degeneration, Nos

Uterus

Hyperplasia, C Cell

Dilatation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_012

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Zona Fasciculata

Hyperplasia, Nodular

Heart

Degeneration, Nos

Liver

Cytoplasmic Change, Basophilic

Pancreas

Acinus

Atrophy, Focal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_013

**TRT#:** 3

**DOSE:** 0

**SEX:** Female

**DISP:** Scheduled Sacrifice

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Liver

Cytoplasmic Change, Basophilic

Granuloma, Nos

Mammary gland

Hyperplasia, Cystic

Pituitary gland

Hyperplasia, Chromophobe Cell

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_014

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart		Degeneration, Nos
Intestine Large	Colon	Nematodiasis
Liver		Cytoplasmic Change, Basophilic
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Mammary gland		Adenosis
Pancreas	Acinus	Atrophy, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_015

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Kidney

Pelvis

Mineralization

Pigmentation, Nos

Liver

Centrilobular

Metamorphosis, Fatty

Pituitary gland

Hyperplasia, Chromophobe Cell

Thymus

Atrophy, Diffuse

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_016

**TRT#:** 3

**DOSE:** 0

**SEX:** Female

**DISP:** Natural Death

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Bone marrow

Kidney

Preputial gland

Spleen

Unspecified

Uterus

Multiple Organs Nos

Hyperplasia, Hematopoietic

Mineralization

Squamous Cell Carcinoma

Hematopoiesis

Squamous Cell Carcinoma, Metastatic

Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_017

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Zona Fasciculata

Hyperplasia, Nodular

Heart

Degeneration, Nos

Liver

Cytoplasmic Change, Basophilic

Thyroid

Granuloma, Nos

Hyperplasia, C Cell

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_018

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Liver

Bile Duct

Hyperplasia, Focal

Unspecified

Multiple Organs Nos

Leukemia, Lymphocytic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_019

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Kidney

Pelvis

Mineralization

Lymph node

Fibrosarcoma, Metastatic

Spleen

Hyperplasia, Reticulum Cell

Unspecified

Fibrosarcoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_020

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Zona Fasciculata

Hyperplasia, Nodular

Liver

Cytoplasmic Vacuolization

Pituitary gland

Chromophobe Adenoma

Thymus

Cortex

Hyperplasia, Lymphoid

Urinary bladder

Inflammation, Acute

Uterus

Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_021

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Zona Fasciculata

Hyperplasia, Nodular

Heart

Degeneration, Nos

Liver

Cytoplasmic Change, Basophilic

Pituitary gland

Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:57

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_022

**TRT#:** 3

**DOSE:** 0

**SEX:** Female

**DISP:** Scheduled Sacrifice

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Liver	Granuloma, Nos
Mammary gland	Hyperplasia, Cystic
Uterus	Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:57

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_023

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Liver

Bile Duct

Hyperplasia, Focal

Unspecified

Multiple Organs Nos

Leukemia, Lymphocytic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:57

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_024

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Liver		Cytoplasmic Change, Basophilic
Mammary gland		Fibroadenoma
Pancreas	Acinus	Atrophy, Nos
Uterus	Endometrial Gland	Cyst, Nos
		Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:57

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_025

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Zona Fasciculata

Hyperplasia, Nodular

Liver

Cytoplasmic Change, Basophilic

Pituitary gland

Hyperplasia, Chromophobe Cell

Thyroid

Hyperplasia, C Cell

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:57

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_026

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Zona Fasciculata

Hyperplasia, Nodular

Liver

Zona Fasciculata

Lipoidosis

Pituitary gland

Cytoplasmic Change, Basophilic

Hyperplasia, Chromophobe Cell

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:57

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_027

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Brain		Astrocytoma
Liver		Inflammation, Granulomatous Focal
Pancreas	Acinus	Atrophy, Focal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:57

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_028

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye	Retina	Atrophy, Nos
Liver		Cytoplasmic Change, Basophilic
Mammary gland		Hyperplasia, Cystic
Thyroid		Hyperplasia, C Cell
Uterus		Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:57

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_029

**TRT#:** 3

**DOSE:** 0

**SEX:** Female

**DISP:** Scheduled Sacrifice

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Liver  
Mammary gland

Ovary  
Pituitary gland  
Uterus

Cytoplasmic Change, Basophilic  
Fibroadenoma  
Hyperplasia, Cystic  
Cyst, Corpus Luteum  
Hyperplasia, Chromophobe Cell  
Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:57

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_030

**TRT#:** 3

**DOSE:** 0

**SEX:** Female

**DISP:** Scheduled Sacrifice

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Liver

Mammary gland

Uterus

Cytoplasmic Change, Basophilic

Hyperplasia, Cystic

Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:57

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_031

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Lymph node

Mesenteric Lymph Node

Necrosis, Diffuse

Peritoneum

Inflammation, Fibrinous

Salivary gland

Lymphocytic Inflammatory Infiltrate

Unspecified

Multiple Organs Nos

Inflammation, Acute/Chronic

Uterus

Endometrium

Fibrosis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:57

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_032

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Pituitary gland

Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:57

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_033

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart	Right Atrium Nos	Thrombosis, Nos
Liver	Centrilobular	Congestion, Acute
	Centrilobular	Necrosis, Focal
Lymph node	Mandibular Lymph Node	Hemorrhage
	Mesenteric Lymph Node	Hemorrhage
Uterus		Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:57

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_034

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Zona Fasciculata

Hyperplasia, Nodular

Heart

Zona Fasciculata

Lipoidosis

Kidney

Degeneration, Nos

Liver

Tubular-Cell Adenocarcinoma

Mammary gland

Cytoplasmic Change, Basophilic

Fibroadenoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:57

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_035

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Zona Fasciculata

Hyperplasia, Nodular

Bone marrow

Hypoplasia, Hematopoietic

Brain

Hypothalamus Nos

Atrophy, Pressure

Kidney

Nephropathy

Liver

Cyst, Nos

Mammary gland

Cytoplasmic Change, Basophilic

Pituitary gland

Hyperplasia, Cystic

Stomach

Chromophobe Adenoma

Hyperplasia, Epithelial

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:57

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_036

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Zona Fasciculata

Hyperplasia, Nodular

Liver

Cytoplasmic Change, Basophilic

Lung

Granuloma, Nos

Pituitary gland

Chromophobe Adenoma

Spleen

Leukemia, Lymphocytic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:57

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_037

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Zona Fasciculata

Hyperplasia, Nodular

Liver

Cytoplasmic Change, Basophilic

Pituitary gland

Chromophobe Adenoma

Uterus

Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:57

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_038

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Zona Fasciculata

Hyperplasia, Nodular

Liver

Cytoplasmic Change, Basophilic

Mammary gland

Fibroadenoma

Pituitary gland

Hyperplasia, Chromophobe Cell

Thyroid

Cyst, Colloid

Uterus

Hyperplasia, C Cell

Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:57

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_040

**TRT#:** 3

**DOSE:** 0

**SEX:** Female

**DISP:** Scheduled Sacrifice

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Liver

Mammary gland

Thyroid

Cytoplasmic Change, Basophilic

Adenoma, Nos

Hyperplasia, C Cell

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:57

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_041

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Lymph node

Mandibular Lymph Node

Inflammation, Acute/Chronic

Unspecified

Multiple Organs Nos

Lymphoma, Histiocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:57

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_042

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Intestine Small  
Kidney  
Liver  
Mammary gland  
Pancreas  
Unspecified

Zona Fasciculata  
Mesentery Nos  
Tubule  
Centrilobular  
  
Multiple Organs Nos

Lipoidosis  
Necrosis, Fat  
Pigmentation, Nos  
Degeneration, Nos  
Hyperplasia, Cystic  
Inflammation, Chronic Focal  
Lymphoma, Lymphocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:57

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_043

**TRT#:** 3

**DOSE:** 0

**SEX:** Female

**DISP:** Natural Death

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Liver

Lung

Mammary gland

Pituitary gland

Spleen

Pheochromocytoma

Congestion, Chronic Passive

Hemosiderosis

Hyperplasia, Cystic

Chromophobe Adenoma

Hemosiderosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:57

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_044

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland	Zona Fasciculata	Lipoidosis
Eye	Retina	Atrophy, Nos
	Crystalline Lens	Mineralization
Intestine Small	Mesentery Nos	Necrosis, Fat
Kidney	Tubule	Pigmentation, Nos
Liver	Centrilobular	Degeneration, Nos
	Bile Duct	Hyperplasia, Focal
Mammary gland		Hyperplasia, Cystic
Pituitary gland		Chromophobe Adenoma
Unspecified	Multiple Organs Nos	Leukemia, Lymphocytic
Uterus	Endometrial Gland	Inflammation, Acute Focal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:57

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_045

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Zona Fasciculata

Hyperplasia, Nodular

Heart

Myocardium Nos

Inflammation, Chronic Focal

Liver

Cytoplasmic Change, Basophilic

Lung

Inflammation, Interstitial

Lymph node

Mesenteric Lymph Node

Granuloma, Nos

Mammary gland

Hyperplasia, Cystic

Pituitary gland

Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:57

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_046

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Mineralization
Liver		Cytoplasmic Change, Basophilic Inflammation, Chronic Focal
Mammary gland		Hyperplasia, Cystic Hyperplastic Nodule
Pituitary gland		Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:57

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_047

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Zona Fasciculata

Hyperplasia, Nodular

Mammary gland

Hyperplasia, Cystic

Pituitary gland

Chromophobe Adenoma

Unspecified

Multiple Organs Nos

Leukemia, Lymphocytic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:57

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_048

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart		Degeneration, Nos
Liver		Cytoplasmic Change, Basophilic Focal Cellular Change
Mammary gland	Mammary Acinus	Cyst, Nos
Pituitary gland		Hyperplasia, Chromophobe Cell
Thyroid		C-Cell Carcinoma
Unspecified		Edema, Nos
Uterus		Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:57

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_049

**TRT#:** 3

**DOSE:** 0

**SEX:** Female

**DISP:** Scheduled Sacrifice

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Heart	Degeneration, Nos
Liver	Cytoplasmic Change, Basophilic Neoplastic Nodule
Mammary gland	Dilatation, Ducts
Pituitary gland	Chromophobe Adenoma
Uterus	Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53781

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Disperse yellow 3

**CAS Number:** 2832-40-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:35:57

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_050

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Clitoral gland

Heart

Liver

Lymph node

Pituitary gland

Spleen

Thyroid

Atrium

Centrilobular

Mandibular Lymph Node

Mesenteric Lymph Node

Adenocarcinoma, Nos

Thrombosis, Nos

Necrosis, Nos

Lymphangiectasis

Lymphangiectasis

Chromophobe Carcinoma

Hematopoiesis

Hyperplasia, C Cell

---

**PRIMARY CAUSE OF DEATH**

-

---

**\*\* END OF REPORT \*\***