

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

<b>C Number:</b>	C01989
<b>Cage Range:</b>	All
<b>Date Range:</b>	All
<b>Reasons For Removal:</b>	All
<b>Removal Date Range:</b>	All
<b>Treatment Groups:</b>	All
<b>Study Gender:</b>	Female

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_002

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Spleen

Hyperplasia, Erythroid  
Hyperplasia, Hematopoietic

Unspecified  
Urinary bladder

Multiple Organs Nos

Lymphoma, Nos-Malignant  
Hyperplasia, Epithelial

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_003

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Mammary gland  
Unspecified  
Uterus

Multiple Organs Nos  
Endometrium

Hyperplasia, Nos  
Lymphoma, Histiocytic-Malignant Type  
Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_005

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney		Inflammation, Interstitial
Liver		Necrosis, Focal
Mammary gland		Hyperplasia, Nos
Urinary bladder		Hyperplasia, Epithelial
Uterus	Endometrium	Inflammation, Nos Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_006

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Ovary  
Spleen  
Urinary bladder  
Uterus

Endometrium

Tubular Adenoma  
Hyperplasia, Lymphoid  
Hyperplasia, Epithelial  
Hyperplasia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_008

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Ovary		Degeneration, Cystic
Pituitary gland		Hyperplasia, Focal
Stomach		Hyperplasia, Nos
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_009

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Uterus

Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_010

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver		Hepatocellular Carcinoma
Lymph node		Inflammation, Nos
		Metaplasia, Myeloid
Mammary gland		Hyperplasia, Nos
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_011

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Gall bladder	Inflammation, Nos
Kidney	Inflammation, Interstitial
Liver	Hematopoiesis
Lung	Inflammation, Interstitial
Ovary	Inflammation, Suppurative
Spleen	Myelopoiesis
Stomach	Inflammation, Nos
Urinary bladder	Hyperplasia, Epithelial
Uterus	Inflammation, Suppurative
Endometrium	

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisoole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_012

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney		Inflammation, Interstitial
Liver		Hematopoiesis
Lung		Alveolar/Bronchiolar Adenoma
		Inflammation, Interstitial
Lymph node		Inflammation, Nos
Ovary		Inflammation, Suppurative
Pituitary gland		Hyperplasia, Focal
Spleen		Hyperplasia, Hematopoietic
Uterus	Endometrium	Hyperplasia, Cystic
	Endometrium	Inflammation, Suppurative

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_013

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Heart	Ventricle	Melanin
Liver		Necrosis, Focal
Lung		Alveolar/Bronchiolar Adenoma
Pituitary gland		Hyperplasia, Focal
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_014

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney		Glomerulonephritis, Nos
Ovary		Inflammation, Suppurative
Spleen		Hyperplasia, Erythroid
		Hyperplasia, Hematopoietic
Uterus		Fibrosis
	Endometrium	Inflammation, Suppurative

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_015

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Intestine Large  
Kidney  
Ovary  
Pancreas  
Spleen  
Uterus

Colon

Endometrium

Leiomyosarcoma  
Inflammation, Interstitial  
Inflammation, Suppurative  
Inflammation, Nos  
Hyperplasia, Hematopoietic  
Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_017

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney		Inflammation, Interstitial
Liver		Necrosis, Focal
Pancreas	Duct Nos	Lymphocytic Inflammatory Infiltrate
Salivary gland		Perivascular Cuffing
Uterus		Abscess, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_018

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Liver		Hematopoiesis Necrosis, Focal
Lung		Inflammation, Interstitial
Lymph node		Inflammation, Nos
Salivary gland		Inflammation, Nos
Spleen		Hyperplasia, Erythroid Hyperplasia, Hematopoietic
Stomach		Acanthosis Hyperkeratosis Hyperplasia, Focal
	Mucosa	Squamous Cell Papilloma
Thyroid		Cyst, Follicular Nos
Urinary bladder		Hyperplasia, Epithelial Inflammation, Nos
Uterus	Endometrium	Hyperplasia, Nos
	Endometrium	Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_019

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney	Inflammation, Interstitial
Lung	Alveolar/Bronchiolar Carcinoma
Pancreas	Inflammation, Nos
Spleen	Hyperplasia, Lymphoid
Uterus	Endometrial Stromal Polyp
Endometrium	Hyperplasia, Adenomatous

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_020

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver		Necrosis, Focal
Lung		Inflammation, Interstitial
Spleen		Hyperplasia, Hematopoietic
		Hyperplasia, Lymphoid
Uterus	Endometrium	Hyperplasia, Cystic
	Endometrium	Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_021

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Bone		Resorption
Kidney		Inflammation, Interstitial
Liver		Fibrosarcoma
		Necrosis, Focal
Lymph node		Inflammation, Nos
Unspecified		Leiomyosarcoma
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_022

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney		Glomerulonephritis, Nos
Liver		Necrosis, Focal
Urinary bladder		Hyperplasia, Epithelial
Uterus	Endometrium	Hyperplasia, Cystic
	Endometrium	Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_023

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Heart	Ventricle	Melanin
Liver		Necrosis, Focal
Spleen		Hyperplasia, Hematopoietic
		Hyperplasia, Lymphoid
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_024

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver  
Lymph node  
Mammary gland

Necrosis, Focal  
Inflammation, Nos  
Galactocele  
Hyperplasia, Nos  
Carcinoma, Nos  
Lymphoma, Nos-Malignant  
Inflammation, Nos

Pituitary gland  
Thymus  
Thyroid

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_025

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Gall bladder		Inflammation, Nos
Kidney		Glomerulonephritis, Nos
Lung		Inflammation, Interstitial
Urinary bladder		Inflammation, Nos
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisoole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_026

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Bone		Resorption
Kidney		Inflammation, Interstitial
Liver		Necrosis, Focal
Salivary gland		Inflammation, Nos
Spleen		Hyperplasia, Lymphoid
Stomach	Omentum Nos	Necrosis, Fat
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_027

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney	Glomerulonephritis, Nos
Liver	Angiectasis
	Inflammation, Nos
Pancreas	Periarteritis
Spleen	Hematopoiesis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_028

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney		Glomerulonephritis, Nos
Liver		Necrosis, Focal
Salivary gland		Perivascular Cuffing
Stomach		Hyperplasia, Epithelial
		Inflammation, Nos
Uterus	Endometrium	Hyperplasia, Cystic
	Endometrium	Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_029

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Bone marrow  
Ovary  
Stomach

Fibrosis, Myelo  
Cyst, Nos  
Hyperplasia, Adenomatous  
Inflammation, Nos  
Hyperplasia, Cystic  
Inflammation, Nos  
Leiomyosarcoma

Uterus  
Endometrium  
Endometrium

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_030

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Bone  
Kidney  
Pituitary gland  
Uterus

Cortex Nos  
  
  
  
Endometrium

Nodule  
Resorption  
Inflammation, Interstitial  
Hyperplasia, Focal  
Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_031

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney	Glomerulonephritis, Nos
Liver	Necrosis, Focal
Lung	Hyperplasia, Epithelial
	Inflammation, Interstitial
Spleen	Hyperplasia, Hematopoietic
	Hyperplasia, Lymphoid
Stomach	Inflammation, Focal
Urinary bladder	Hyperplasia, Epithelial
Uterus	Endometrium
	Hyperplasia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_033

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Inflammation, Interstitial
Liver	Necrosis, Focal
Lymph node	Inflammation, Nos
	Reticulocytosis
Ovary	Abscess, Nos
	Inflammation, Suppurative
Pancreas	Inflammation, Nos
Spleen	Hyperplasia, Erythroid
	Hyperplasia, Hematopoietic
	Lymphoma, Histiocytic-Malignant Type

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_034

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Heart	Ventricle	Melanin
Liver		Necrosis, Focal
Ovary		Lymphocytic Inflammatory Infiltrate

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_035

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Kidney  
Lymph node  
Ovary  
Pituitary gland

Cortex Nos

Nodule  
Glomerulonephritis, Nos  
Hyperplasia, Hematopoietic  
Inflammation, Suppurative  
Hyperplasia, Focal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_036

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Intestine Small  
Kidney  
Lymph node

Peyers Patch

Hyperplasia, Nos  
Glomerulonephritis, Nos  
Cyst, Nos  
Hyperplasia, Nos  
Inflammation, Nos  
Inflammation, Nos  
Inflammation, Nos  
Perivascular Cuffing  
Inflammation, Nos  
Abscess, Nos  
Endometrium  
Fallopian Tube  
Inflammation, Nos

Ovary  
Pancreas  
Salivary gland  
Stomach  
Uterus

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_037

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Nodule
Kidney		Glomerulonephritis, Nos
Liver	Bile Duct	Inflammation, Nos
		Necrosis, Focal
Lymph node		Inflammation, Nos
Ovary		Cyst, Nos
Pancreas		Inflammation, Nos
Stomach		Inflammation, Nos
Unspecified		Fibrosis
		Mineralization
Urinary bladder		Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_038

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Heart	Ventricle	Melanin
Kidney		Inflammation, Interstitial
Liver		Necrosis, Focal
Lung		Alveolar/Bronchiolar Adenoma
Spleen		Hyperplasia, Hematopoietic
		Hyperplasia, Lymphoid

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisoole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_039

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Gall bladder  
Kidney  
Lung  
Lymph node  
Ovary

Pheochromocytoma  
Inflammation, Nos  
Glomerulonephritis, Nos  
Inflammation, Interstitial  
Inflammation, Nos  
Abscess, Nos  
Inflammation, Suppurative  
Hyperplasia, Hematopoietic  
Inflammation, Nos

Spleen  
Uterus

Fallopian Tube

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_040

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney		Inflammation, Interstitial
Ovary		Inflammation, Nos
Pituitary gland		Hyperplasia, Focal
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type
Urinary bladder		Hyperplasia, Epithelial

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_041

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney	Glomerulonephritis, Nos
Liver	Necrosis, Focal
Lymph node	Inflammation, Nos
Ovary	Cyst, Nos
Uterus	Hydrometra
Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_043

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney		Glomerulonephritis, Nos
Lung		Inflammation, Interstitial
Lymph node		Inflammation, Nos
Ovary		Abscess, Nos
		Inflammation, Suppurative
Spleen		Hemangiosarcoma
		Hyperplasia, Erythroid
		Hyperplasia, Hematopoietic
Uterus		Endometrial Stromal Polyp
	Endometrium	Inflammation, Nos
	Fallopian Tube	Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisoole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_044

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney		Inflammation, Interstitial
Lung		Hyperplasia, Epithelial
	Bronchus	Inflammation, Focal
		Inflammation, Interstitial
Lymph node		Hyperplasia, Hematopoietic
		Inflammation, Nos
Ovary		Inflammation, Suppurative
Stomach		Inflammation, Nos
Urinary bladder		Inflammation, Nos
Uterus	Endometrium	Inflammation, Nos
	Fallopian Tube	Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisoole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_045

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver		Necrosis, Focal
Lymph node		Inflammation, Nos
Ovary		Abscess, Nos
		Inflammation, Nos
Spleen		Hyperplasia, Hematopoietic
Uterus		Abscess, Nos
	Endometrium	Inflammation, Nos
	Fallopian Tube	Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_046

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney	Inflammation, Interstitial
Liver	Hyperplastic Nodule
	Necrosis, Focal
Salivary gland	Perivascular Cuffing
Spleen	Hyperplasia, Lymphoid
Urinary bladder	Hyperplasia, Epithelial

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_047

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney		Inflammation, Interstitial
Liver		Necrosis, Focal
Spleen		Hyperplasia, Hematopoietic
		Hyperplasia, Lymphoid
Stomach		Ulcer, Nos
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_048

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney		Glomerulonephritis, Nos
Liver		Necrosis, Focal
Lymph node		Inflammation, Nos
Ovary		Inflammation, Nos
Pituitary gland		Adenoma, Nos
Spleen		Hyperplasia, Erythroid
		Hyperplasia, Hematopoietic
Uterus	Endometrium	Hyperplasia, Nos
	Endometrium	Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_049

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney		Glomerulonephritis, Nos
Lung		Hyperplasia, Epithelial Inflammation, Interstitial
Ovary		Inflammation, Suppurative
Pituitary gland		Adenoma, Nos
Spleen		Hyperplasia, Hematopoietic
Uterus	Endometrium	Inflammation, Suppurative

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_050

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney	Inflammation, Interstitial
Liver	Necrosis, Focal
Lymph node	Inflammation, Nos
Spleen	Hyperplasia, Lymphoid
Stomach	Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_001

**TRT#:** 2  
**DOSE:** 1200 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Kidney

Cortex Nos  
Pelvis

Hyperplasia, Nos  
Inflammation, Acute/Chronic  
Inflammation, Interstitial

Liver  
Lung  
Salivary gland

Hepatocytes

Hypertrophy, Focal  
Alveolar/Bronchiolar Adenoma  
Inflammation, Acute/Chronic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_002

**TRT#:** 2  
**DOSE:** 1200 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Lymph node  
Uterus

Cortex Nos  
Mesenteric Lymph Node

Hyperplasia, Diffuse  
Inflammation, Acute/Chronic  
Adenocarcinoma, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_003

**TRT#:** 2  
**DOSE:** 1200 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Heart  
Lymph node  
Uterus

Cortex Nos  
Endocardium Nos  
Mesenteric Lymph Node  
Endometrium

Hyperplasia, Nos  
Inflammation, Acute/Chronic  
Lymphoma, Histiocytic-Malignant Type  
Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---



**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_004

**TRT#:** 2  
**DOSE:** 1200 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Pelvis	Inflammation, Acute/Chronic
Lymph node	Mediastinal Lymph Node	Hyperplasia, Lymphoid
	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
Ovary		Inflammation, Chronic
Unspecified	Body Cavities	Mesothelioma, Malignant
	Abdominal Cavity	Steatitis
Uterus	Endometrium	Hyperplasia, Cystic
	Endometrium	Inflammation, Acute
	Fallopian Tube	Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_005

**TRT#:** 2  
**DOSE:** 1200 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver		Hyperplasia, Focal
Uterus	Endometrium	Hyperplasia, Nos
	Fallopian Tube	Inflammation, Chronic
		Inflammation, Chronic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisoole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_006

**TRT#:** 2  
**DOSE:** 1200 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Ovary		Inflammation, Chronic
Pituitary gland		Hyperplasia, Focal
Salivary gland		Inflammation, Acute/Chronic
Spleen		Lymphoma, Nos-Malignant
Thyroid		Hyperplasia, Papillary
Uterus	Endometrium	Abscess, Nos
	Endometrium	Hydrometra
	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_007

**TRT#:** 2  
**DOSE:** 1200 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lymph node  
Uterus

Mesenteric Lymph Node  
Endometrium  
Endometrium  
Fallopian Tube

Inflammation, Acute/Chronic  
Hyperplasia, Cystic  
Inflammation, Acute/Chronic  
Inflammation, Suppurative

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisoole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_008

**TRT#:** 2  
**DOSE:** 1200 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Uterus

Endometrium

Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisoole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_009

**TRT#:** 2  
**DOSE:** 1200 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Ovary	Inflammation, Chronic
Pancreas	Inflammation, Nos
Uterus	Abscess, Nos
Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_010

**TRT#:** 2  
**DOSE:** 1200 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney	Pelvis	Inflammation, Acute/Chronic
Lung		Hyperplasia, Alveolar Epithelium
Uterus		Abscess, Nos
	Endometrium	Hyperplasia, Cystic
		Pyometra

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_011

**TRT#:** 2  
**DOSE:** 1200 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Pelvis	Inflammation, Acute/Chronic
Ovary		Cyst, Nos
Salivary gland		Inflammation, Acute/Chronic
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type
Uterus	Endometrium	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-



**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_012

**TRT#:** 2  
**DOSE:** 1200 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney		Nephrosis, Hydro
Lymph node	Mesenteric Lymph Node	Lymphoma, Histiocytic-Malignant Type
Ovary		Atrophy, Nos
		Inflammation, Nos
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_013

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 1200 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Ovary		Cyst, Nos
Salivary gland		Inflammation, Acute/Chronic
Spleen		Lymphoma, Nos-Malignant
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_014

**TRT#:** 2  
**DOSE:** 1200 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney	Pelvis	Inflammation, Acute/Chronic
Spleen		Hyperplasia, Lymphoid
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_015

**TRT#:** 2  
**DOSE:** 1200 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Unspecified  
Uterus

Multiple Organs Nos  
Endometrium

Lymphoma, Histiocytic-Malignant Type  
Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_016

**TRT#:** 2  
**DOSE:** 1200 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Ovary  
Thyroid

Follicle

Cyst, Nos  
Hyperplasia, Follicular Cell  
Hypertrophy, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_017

**TRT#:** 2  
**DOSE:** 1200 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney	Pelvis	Inflammation, Acute/Chronic
Ovary		Cyst, Nos
Salivary gland		Inflammation, Acute/Chronic
Thyroid		Hyperplasia, Papillary
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_018

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 1200 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Ovary		Inflammation, Suppurative
Salivary gland		Inflammation, Acute/Chronic
Thyroid		Hyperplasia, Papillary
Uterus	Endometrium	Hyperplasia, Papillary

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_019

**TRT#:** 2  
**DOSE:** 1200 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung		Alveolar/Bronchiolar Carcinoma
Ovary		Granulosa-Cell Tumor
Pituitary gland		Adenoma, Nos
Stomach		Inflammation, Focal
Thyroid		Hyperplasia, Follicular Cell
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_020

**TRT#:** 2  
**DOSE:** 1200 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Unspecified  
Uterus

Multiple Organs Nos  
Endometrium

Lymphoma, Histiocytic-Malignant Type  
Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisoole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_023

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 1200 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Liver

Inflammation, Acute

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_024

**TRT#:** 2  
**DOSE:** 1200 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney	Pelvis	Inflammation, Acute/Chronic
Lung		Alveolar/Bronchiolar Adenoma
Lymph node	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
Ovary		Cyst, Nos
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_025

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 1200 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Lymphoma, Histiocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_026

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 1200 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Thyroid

Hyperplasia, Nos

Unspecified

Multiple Organs Nos

Lymphoma, Undifferentiated-Malignant Type

Uterus

Endometrium

Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_027

**TRT#:** 2  
**DOSE:** 1200 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Nodular
Liver		Hepatocellular Carcinoma
Lung		Inflammation, Interstitial
Thymus	Medulla	Hyperplasia, Nos
Thyroid		Hyperplasia, Papillary
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_028

**TRT#:** 2  
**DOSE:** 1200 PPM

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Stomach

Acanthosis  
Hyperkeratosis

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_029

**TRT#:** 2  
**DOSE:** 1200 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Ovary	Inflammation, Chronic
Spleen	Hyperplasia, Lymphoid
Thymus	Hyperplasia, Lymphoid
Thyroid	Hyperplasia, Papillary
Uterus	Endometrium Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisoole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_031

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 1200 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Lymphoma, Nos-Malignant

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_033

**TRT#:** 2  
**DOSE:** 1200 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung		Alveolar/Bronchiolar Carcinoma
Ovary		Inflammation, Chronic
Thyroid		Hyperplasia, Papillary
Uterus	Endometrium	Hyperplasia, Cystic
	Endometrium	Metaplasia, Squamous

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_034

**TRT#:** 2  
**DOSE:** 1200 PPM

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Bone marrow  
Unspecified  
Urinary bladder

Multiple Organs Nos

Hyperplasia, Hematopoietic  
Lymphoma, Undifferentiated-Malignant Type  
Hyperplasia, Epithelial

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_035

**TRT#:** 2  
**DOSE:** 1200 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney	Pelvis	Inflammation, Acute/Chronic
Lung		Carcinoma, Nos, Metastatic
Mammary gland		Carcinoma, Nos
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_036

**TRT#:** 2  
**DOSE:** 1200 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney	Pelvis	Inflammation, Acute/Chronic
Thymus	Medulla	Hyperplasia, Nos
Uterus	Endometrium	Hydrometra
		Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_038

**TRT#:** 2  
**DOSE:** 1200 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Uterus

Endometrium

Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisoole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_039

**TRT#:** 2  
**DOSE:** 1200 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney	Pelvis	Inflammation, Acute/Chronic Inflammation, Interstitial
Spleen		Hyperplasia, Lymphoid
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_040

**TRT#:** 2  
**DOSE:** 1200 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Spleen

Cortex Nos

Nodule  
Atrophy, Nos

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_041

**TRT#:** 2  
**DOSE:** 1200 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Salivary gland  
Uterus

Cortex Nos  
  
Endometrium

Nodule  
Inflammation, Acute/Chronic  
Hyperplasia, Cystic  
Metaplasia, Squamous

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_043

**TRT#:** 2  
**DOSE:** 1200 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Pituitary gland  
Spleen  
Thyroid

Adenoma, Nos  
Lymphoma, Histiocytic-Malignant Type  
Hyperplasia, Papillary

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_044

**TRT#:** 2  
**DOSE:** 1200 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Spleen		Lymphoma, Histiocytic-Malignant Type
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_045

**TRT#:** 2  
**DOSE:** 1200 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Pituitary gland  
Thyroid  
Uterus

Endometrium

Adenoma, Nos  
Hyperplasia, Follicular Cell  
Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_046

**TRT#:** 2  
**DOSE:** 1200 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Ovary  
Pituitary gland  
Uterus

Endometrium  
Fallopian Tube

Cyst, Nos  
Adenoma, Nos  
Abscess, Nos  
Inflammation, Suppurative  
Metaplasia, Squamous

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_047

**TRT#:** 2  
**DOSE:** 1200 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Ovary		Inflammation, Chronic
Uterus	Endometrium	Hyperplasia, Cystic
	Endometrium	Inflammation, Acute

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_049

**TRT#:** 2  
**DOSE:** 1200 PPM

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung  
Mammary gland

Alveolar/Bronchiolar Carcinoma  
Adenocarcinoma, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_050

**TRT#:** 2  
**DOSE:** 1200 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Ovary		Inflammation, Suppurative
Pituitary gland		Adenoma, Nos
Spleen		Lymphoma, Nos-Malignant
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_001

**TRT#:** 3  
**DOSE:** 2400 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Bone marrow		Hyperplasia, Diffuse
Spleen		Hyperplasia, Lymphoid
Thyroid	Follicle	Degeneration, Nos
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_002

**TRT#:** 3  
**DOSE:** 2400 PPM

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Pituitary gland  
Spleen  
Thyroid

Follicle

Adenoma, Nos  
Atrophy, Nos  
Degeneration, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_003

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 2400 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Bone marrow  
Pituitary gland  
Thyroid

Follicle

Hyperplasia, Hematopoietic  
Adenoma, Nos  
Degeneration, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisoole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_004

**TRT#:** 3  
**DOSE:** 2400 PPM

**SEX:** Female  
**DISP:** Accidentally Killed

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Bone marrow		Hyperplasia, Hematopoietic
Brain	Meninges	Periarteritis
Heart		Periarteritis
Kidney		Periarteritis

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_005

**TRT#:** 3  
**DOSE:** 2400 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Bone marrow

Fibrosis, Myelo  
Hyperplasia, Hematopoietic

Thyroid

Follicle

Degeneration, Nos  
Follicular-Cell Adenoma

Uterus

Endometrium

Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_006

**TRT#:** 3  
**DOSE:** 2400 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Bone marrow

Fibrosis, Myelo  
Hyperplasia, Hematopoietic  
Degeneration, Nos

Thyroid

Follicle

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_007

**TRT#:** 3  
**DOSE:** 2400 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Bone marrow

Fibrosis, Myelo  
Hyperplasia, Hematopoietic

Thyroid

Follicle

Degeneration, Nos

Uterus

Endometrium

Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_008

**TRT#:** 3  
**DOSE:** 2400 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Bone marrow

Fibrosis, Myelo  
Hyperplasia, Hematopoietic  
Hypoplasia, Nos

Thyroid  
Unspecified  
Uterus

Follicle  
Multiple Organs Nos  
Endometrium

Degeneration, Nos  
Lymphoma, Mixed-Malignant Type  
Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_009

**TRT#:** 3  
**DOSE:** 2400 PPM

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Bone marrow

Fibrosis, Myelo

Unspecified

Multiple Organs Nos

Myelosclerosis

Lymphoma, Histiocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_010

**TRT#:** 3  
**DOSE:** 2400 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Bone marrow

Fibrosis, Myelo  
Hyperplasia, Hematopoietic  
Myelosclerosis

Ovary

Cyst, Nos

Thymus

Lymphangioma

Thyroid

Follicle

Degeneration, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_011

**TRT#:** 3  
**DOSE:** 2400 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Bone marrow  
Thyroid  
Uterus

Follicle

Endometrium

Fibrosis, Myelo  
Degeneration, Nos  
Hydrometra  
Inflammation, Acute

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_012

**TRT#:** 3  
**DOSE:** 2400 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Bone marrow

Fibrosis, Myelo  
Hyperplasia, Hematopoietic

Thyroid

Follicle

Degeneration, Nos

Uterus

Endometrium

Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_013

**TRT#:** 3  
**DOSE:** 2400 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Bone marrow		Hyperplasia, Hematopoietic
Thymus		Hyperplasia, Lymphoid
Thyroid	Follicle	Degeneration, Nos
Unspecified	Abdominal Cavity	Necrosis, Fat

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_014

**TRT#:** 3  
**DOSE:** 2400 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Bone marrow

Fibrosis, Myelo  
Hyperplasia, Hematopoietic  
Hepatocellular Carcinoma

Liver  
Thyroid  
Uterus

Follicle  
Endometrium

Degeneration, Nos  
Hyperplasia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_015

**TRT#:** 3  
**DOSE:** 2400 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Bone marrow  
Pituitary gland  
Thyroid

Follicle

Hyperplasia, Hematopoietic  
Adenoma, Nos  
Degeneration, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_016

**TRT#:** 3  
**DOSE:** 2400 PPM

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Cortex Nos	Necrosis, Nos
Bone marrow		Hyperplasia, Hematopoietic
		Myelosclerosis
Heart		Periarteritis
Kidney		Glomerulosclerosis, Nos
		Periarteritis
Skin		Cyst, Epidermal Inclusion
Thymus		Inflammation, Nos
Thyroid	Follicle	Degeneration, Nos
		Periarteritis
Uterus	Endometrium	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-



**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisoole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_017

**TRT#:** 3  
**DOSE:** 2400 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Bone marrow  
Thyroid

Follicle

Hyperplasia, Hematopoietic  
Degeneration, Nos  
Follicular-Cell Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisoole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_018

**TRT#:** 3  
**DOSE:** 2400 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Bone marrow

Fibrosis, Myelo  
Hyperplasia, Hematopoietic  
Myelosclerosis

Pituitary gland

Adenoma, Nos

Thyroid

Follicle

Degeneration, Nos

Uterus

Endometrium

Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_019

**TRT#:** 3  
**DOSE:** 2400 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Bone marrow		Hyperplasia, Hematopoietic
Thyroid	Follicle	Degeneration, Nos
Uterus	Endometrium	Hyperplasia, Stromal
	Fallopian Tube	Inflammation, Suppurative

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_020

**TRT#:** 3  
**DOSE:** 2400 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Bone marrow

Fibrosis, Myelo  
Hyperplasia, Hematopoietic

Thyroid

Follicle

Degeneration, Nos

Uterus

Endometrium

Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_021

**TRT#:** 3  
**DOSE:** 2400 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Thymus  
Thyroid  
Unspecified

Medulla  
Follicle

Hyperplasia, Lymphoid  
Degeneration, Nos  
Fibrosarcoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_022

**TRT#:** 3  
**DOSE:** 2400 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Thyroid	Follicle	Degeneration, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Undifferentiated-Malignant Type
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_023

**TRT#:** 3  
**DOSE:** 2400 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Bone marrow

Fibrosis, Myelo  
Hyperplasia, Hematopoietic

Thyroid

Follicle

Degeneration, Nos

Uterus

Endometrium

Hyperplasia, Stromal

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisoole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_024

**TRT#:** 3  
**DOSE:** 2400 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Bone marrow

Fibrosis, Myelo  
Hyperplasia, Hematopoietic

Ovary

Cyst, Nos

Thyroid

Follicle

Degeneration, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_025

**TRT#:** 3  
**DOSE:** 2400 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Bone marrow

Fibrosis, Myelo  
Hyperplasia, Hematopoietic  
Myelosclerosis

Brain  
Uterus

Meninges  
Endometrium

Inflammation, Acute/Chronic  
Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_026

**TRT#:** 3  
**DOSE:** 2400 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Bone marrow

Fibrosis, Myelo  
Hyperplasia, Hematopoietic

Thyroid

Follicle

Degeneration, Nos

Uterus

Endometrium

Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_027

**TRT#:** 3  
**DOSE:** 2400 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Bone marrow

Hyperplasia, Hematopoietic

Thyroid

Follicle

Myelosclerosis

Degeneration, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisoole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_028

**TRT#:** 3  
**DOSE:** 2400 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Bone marrow

Hyperplasia, Hematopoietic  
Myelosclerosis

Lung

Alveolar/Bronchiolar Adenoma

Thyroid

Follicle

Degeneration, Nos

Uterus

Endometrium

Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_029

**TRT#:** 3  
**DOSE:** 2400 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Bone marrow

Cortical Adenoma  
Fibrosis, Myelo  
Hyperplasia, Hematopoietic  
Myelosclerosis  
Follicular-Cell Adenoma

Thyroid

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_030

**TRT#:** 3  
**DOSE:** 2400 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Bone marrow		Hyperplasia, Hematopoietic
Thyroid	Follicle	Degeneration, Nos Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Lymphoma, Undifferentiated-Malignant Type
	Abdominal Cavity	Necrosis, Fat
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_031

**TRT#:** 3  
**DOSE:** 2400 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Bone marrow		Hyperplasia, Hematopoietic
Lung		Alveolar/Bronchiolar Adenoma
Thyroid	Follicle	Degeneration, Nos
Uterus		Hydrometra

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisoole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_032

**TRT#:** 3  
**DOSE:** 2400 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Bone marrow

Fibrosis, Myelo  
Hyperplasia, Hematopoietic  
Myelosclerosis

Brain  
Kidney  
Thyroid  
Uterus

Meninges

Perivasculitis  
Inflammation, Interstitial

Follicle

Degeneration, Nos  
Endometrial Stromal Polyp

Endometrium

Hydrometra  
Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_033

**TRT#:** 3  
**DOSE:** 2400 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Bone marrow

Ovary

Thyroid

Unspecified

Follicle

Multiple Organs Nos

Hyperplasia, Hematopoietic

Granulosa-Cell Tumor

Degeneration, Nos

Lymphoma, Undifferentiated-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_034

**TRT#:** 3  
**DOSE:** 2400 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Bone marrow		Hyperplasia, Hematopoietic
Kidney		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Lymphoma, Mixed-Malignant Type
Spleen		Hyperplasia, Lymphoid
Thyroid	Follicle	Degeneration, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_035

**TRT#:** 3  
**DOSE:** 2400 PPM

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Bone marrow  
Uterus

Endometrium

Hyperplasia, Hematopoietic  
Hydrometra  
Inflammation, Acute

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_036

**TRT#:** 3  
**DOSE:** 2400 PPM

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Thyroid  
Unspecified

Follicle  
Multiple Organs Nos

Degeneration, Nos  
Lymphoma, Nos-Malignant

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisoole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_037

**TRT#:** 3  
**DOSE:** 2400 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Bone marrow

Fibrosis, Myelo  
Hyperplasia, Diffuse  
Myelosclerosis

Kidney

Inflammation, Interstitial

Thymus

Granuloma, Nos

Thyroid

Follicle

Degeneration, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisoole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_038

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 2400 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Bone marrow

Fibrosis, Myelo

Liver

Hyperplasia, Hematopoietic

Ovary

Angiectasis

Calcification, Nos

Necrosis, Focal

Thyroid

Follicle

Necrosis, Coagulative

Sclerosis

Uterus

Degeneration, Nos

Hydrometra

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_039

**TRT#:** 3  
**DOSE:** 2400 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Thyroid

Follicle

Degeneration, Nos  
Follicular-Cell Adenoma  
Hydrometra

Uterus

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_040

**TRT#:** 3  
**DOSE:** 2400 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Bone marrow

Fibrosis, Myelo

Lung

Hyperplasia, Hematopoietic

Thyroid

Follicle

Alveolar/Bronchiolar Adenoma

Uterus

Endometrium

Degeneration, Nos

Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---



**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisoole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_041

**TRT#:** 3  
**DOSE:** 2400 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Bone marrow		Fibrosis, Myelo Hyperplasia, Hematopoietic
Lung		Alveolar/Bronchiolar Adenoma
Thyroid	Follicle	Degeneration, Nos Follicular-Cell Adenoma
Uterus	Endometrium	Cyst, Hemorrhagic
	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_042

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 2400 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Bone marrow

Hyperplasia, Hematopoietic

Kidney

Glomerulosclerosis, Nos

Unspecified

Multiple Organs Nos

Lymphoma, Lymphocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_043

**TRT#:** 3  
**DOSE:** 2400 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Bone marrow

Fibrosis, Myelo  
Hyperplasia, Hematopoietic  
Myelosclerosis

Thyroid

Follicle

Degeneration, Nos  
Follicular-Cell Adenoma

Uterus

Hydrometra

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisoole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_044

**TRT#:** 3  
**DOSE:** 2400 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Bone marrow  
Thyroid

Follicle

Fibrosis, Myelo  
Degeneration, Nos  
Follicular-Cell Carcinoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_045

**TRT#:** 3  
**DOSE:** 2400 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Bone marrow

Fibrosis, Myelo  
Hyperplasia, Hematopoietic  
Degeneration, Nos

Thyroid

Follicle

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_046

**TRT#:** 3  
**DOSE:** 2400 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Bone marrow		Fibrosis, Myelo
Liver		Lymphoma, Mixed-Malignant Type
Thyroid	Follicle	Degeneration, Nos
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_047

**TRT#:** 3  
**DOSE:** 2400 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Bone marrow		Fibrosis, Myelo
Liver		Hepatocellular Carcinoma
Pituitary gland		Adenoma, Nos
Thyroid	Follicle	Degeneration, Nos
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisoole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_048

**TRT#:** 3  
**DOSE:** 2400 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Bone marrow		Fibrosis, Myelo
		Hyperplasia, Hematopoietic
Brain	Meninges	Inflammation, Acute/Chronic
Kidney		Inflammation, Interstitial
Spleen		Angiectasis
Thyroid	Follicle	Degeneration, Nos
Uterus		Hydrometra
	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-



**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_049

**TRT#:** 3  
**DOSE:** 2400 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Bone marrow

Fibrosis, Myelo  
Hyperplasia, Hematopoietic

Thyroid

Follicle

Degeneration, Nos

Uterus

Endometrium

Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_050

**TRT#:** 3  
**DOSE:** 2400 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Bone marrow

Fibrosis, Myelo  
Hyperplasia, Hematopoietic

Thyroid

Follicle

Degeneration, Nos  
Follicular-Cell Carcinoma

Uterus

Endometrium

Hydrometra  
Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_001

**TRT#:** 4  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney		Glomerulonephritis, Nos
Liver		Necrosis, Focal
Lymph node		Hyperplasia, Nos
		Inflammation, Nos
Uterus	Endometrium	Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_002

**TRT#:** 4  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lymph node  
Ovary  
Uterus

Hemolymph Nodes

Inflammation, Nos  
Cyst, Nos  
Hydrometra

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_003

**TRT#:** 4  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Uterus

Endometrium

Hyperplasia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_004

**TRT#:** 4  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Intestine Small  
Kidney  
Liver  
Lung  
Lymph node  
Uterus

Peyers Patch

Hyperplasia, Nos  
Inflammation, Interstitial  
Necrosis, Focal  
Inflammation, Interstitial  
Hyperplasia, Lymphoid  
Hydrometra

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_005

**TRT#:** 4  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney		Inflammation, Interstitial
Lymph node		Inflammation, Nos
Spleen		Hyperplasia, Hematopoietic
Uterus	Endometrium	Hyperplasia, Nos
	Endometrium	Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisoole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_009

**TRT#:** 4  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney		Inflammation, Interstitial
Lung		Alveolar/Bronchiolar Adenoma
Ovary		Cyst, Nos
Spleen		Hyperplasia, Nos
Uterus	Endometrium	Hyperplasia, Nos
	Endometrium	Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---



**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_010

**TRT#:** 4  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lymph node  
Ovary  
Uterus

Hemolymph Nodes

Inflammation, Nos  
Inflammation, Nos  
Hydrometra

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_011

**TRT#:** 4  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney  
Uterus

Inflammation, Interstitial  
Hydrometra

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_012

**TRT#:** 4  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lymph node

Spleen

Uterus

Endometrium

Endometrium

Inflammation, Nos

Hyperplasia, Nos

Hyperplasia, Cystic

Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_013

**TRT#:** 4  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Salivary gland  
Spleen

Perivascular Cuffing  
Hyperplasia, Lymphoid

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_014

**TRT#:** 4  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung	Bronchiole	Hyperplasia, Nos
Lymph node		Inflammation, Nos
Thyroid		Hyperplasia, Papillary
Unspecified		Abscess, Nos
Uterus		Hydrometra

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_015

**TRT#:** 4  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Ovary		Cyst, Nos
Pituitary gland		Chromophobe Adenoma
Spleen		Hyperplasia, Nos
Stomach		Acanthosis
Uterus	Endometrium	Hyperplasia, Nos
	Fallopian Tube	Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_016

**TRT#:** 4  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Thyroid  
Uterus

Endometrium

Inflammation, Focal  
Hyperplasia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_017

**TRT#:** 4  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung		Inflammation, Interstitial
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_018

**TRT#:** 4  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney	Glomerulonephritis, Nos
Ovary	Cyst, Nos
Pituitary gland	Chromophobe Adenoma
Stomach	Acanthosis
Uterus	Hyperplasia, Cystic
Endometrium	

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisoole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_019

**TRT#:** 4  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Uterus

Endometrium  
Fallopian Tube

Inflammation, Nos  
Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_020

**TRT#:** 4  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Lymph node  
Uterus

Cortex Nos

Nodule  
Inflammation, Nos  
Hydrometra

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_021

**TRT#:** 4  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Uterus

Endometrium

Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_022

**TRT#:** 4  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney	Glomerulonephritis, Nos
Liver	Necrosis, Focal
Lung	Inflammation, Interstitial
Ovary	Inflammation, Nos
Pancreas	Inflammation, Nos
Spleen	Hyperplasia, Hematopoietic

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_023

**TRT#:** 4  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Harderian gland  
Lung  
Lymph node

Hardarian Gland

Papillary Adenoma  
Inflammation, Interstitial  
Inflammation, Nos  
Reticulocytosis  
Hyperplasia, Cystic  
Inflammation, Nos

Uterus

Endometrium  
Fallopian Tube

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_024

**TRT#:** 4  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney		Inflammation, Interstitial
Ovary		Cyst, Nos
Spleen		Hyperplasia, Nos
Uterus	Endometrium	Hyperplasia, Nos
	Endometrium	Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisoole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_025

**TRT#:** 4  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung		Inflammation, Interstitial
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_026

**TRT#:** 4  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Spleen

Hyperplasia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_027

**TRT#:** 4  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Intestine Small

Peyers Patch

Hyperplasia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisoole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_028

**TRT#:** 4  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Intestine Small  
Lung

Peyers Patch  
Bronchus

Hyperplasia, Nos  
Inflammation, Focal  
Inflammation, Interstitial

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_029

**TRT#:** 4  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney  
Uterus

Inflammation, Interstitial  
Hydrometra

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_030

**TRT#:** 4  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lymph node

Hyperplasia, Lymphoid

Ovary

Inflammation, Nos

Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_031

**TRT#:** 4  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney		Inflammation, Interstitial
Liver		Necrosis, Focal
Lung		Inflammation, Interstitial
Spleen		Hyperplasia, Hematopoietic
Uterus	Fallopian Tube	Abscess, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_032

**TRT#:** 4  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Kidney

Capsule

Hyperplasia, Nos  
Inflammation, Interstitial

Ovary  
Uterus

Tubule

Mineralization  
Cyst, Nos  
Papillary Adenoma

Fallopian Tube

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_033

**TRT#:** 4  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver  
Salivary gland  
Urinary bladder

Cortex Nos

Hyperplasia, Nos  
Inflammation, Interstitial  
Necrosis, Focal  
Perivascular Cuffing  
Hyperplasia, Epithelial

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_034

**TRT#:** 4  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Ovary  
Spleen  
Uterus

Endometrium

Cyst, Nos  
Hyperplasia, Nos  
Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_035

**TRT#:** 4  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung	Inflammation, Interstitial
Ovary	Cyst, Nos
Spleen	Hyperplasia, Nos
Uterus	Hydrometra

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_036

**TRT#:** 4  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung		Alveolar/Bronchiolar Carcinoma Inflammation, Interstitial
Lymph node	Hemolymph Nodes	Hyperplasia, Nos Hyperplasia, Nos Inflammation, Nos
Ovary		Cyst, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_037

**TRT#:** 4  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Liver  
Ovary

Capsule

Hyperplasia, Nos  
Hepatocellular Carcinoma  
Periarteritis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_038

**TRT#:** 4  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Spleen  
Stomach

Hyperplasia, Nos  
Inflammation, Focal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_039

**TRT#:** 4  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Lymph node

Capsule

Hyperplasia, Nos  
Hyperplasia, Lymphoid  
Inflammation, Nos  
Cyst, Nos  
Hyperplasia, Hematopoietic  
Hyperplasia, Nos

Ovary  
Spleen  
Uterus

Endometrium

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_040

**TRT#:** 4  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Intestine Small  
Lung  
Thyroid  
Uterus

Peyers Patch

Hyperplasia, Nos  
Inflammation, Interstitial  
Hyperplasia, Adenomatous  
Hydrometra

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_041

**TRT#:** 4  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Intestine Small  
Liver  
Lung  
Lymph node  
Uterus

Peyers Patch  
  
  
  
Fallopian Tube

Hyperplasia, Nos  
Necrosis, Focal  
Inflammation, Interstitial  
Hyperplasia, Lymphoid  
Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_042

**TRT#:** 4  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Intestine Small  
Lung  
Spleen

Peyers Patch

Hyperplasia, Nos  
Alveolar/Bronchiolar Adenoma  
Hyperplasia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_043

**TRT#:** 4  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Intestine Small  
Mammary gland  
Stomach  
Uterus

Peyers Patch

Hyperplasia, Nos  
Hyperplasia, Nos  
Inflammation, Nos  
Hydrometra

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_044

**TRT#:** 4  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Focal
Kidney		Glomerulonephritis, Nos
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Hematopoietic
Ovary		Degeneration, Cystic
Pancreas		Inflammation, Nos
Pituitary gland		Adenoma, Nos
Spleen		Hyperplasia, Hematopoietic
Thyroid		Hyperplasia, Papillary
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Uterus		Hydrometra

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_045

**TRT#:** 4  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver		Necrosis, Focal
Lung		Inflammation, Interstitial
Ovary		Degeneration, Cystic
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisoole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_046

**TRT#:** 4  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney  
Uterus

Inflammation, Interstitial  
Hydrometra

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_047

**TRT#:** 4  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney	Glomerulonephritis, Focal
Lymph node	Hyperplasia, Nos
Salivary gland	Perivascular Cuffing
Spleen	Hyperplasia, Lymphoid
Uterus	Endometrium Hyperplasia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_049

**TRT#:** 4  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Kidney  
Lung  
Ovary  
Uterus

Capsule

Hyperplasia, Nos  
Inflammation, Interstitial  
Inflammation, Interstitial  
Degeneration, Cystic  
Hydrometra

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C01989  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Diaminoanisoole sulfate  
**CAS Number:** 39156-41-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:50:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_050

**TRT#:** 4  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Kidney  
Ovary  
Spleen  
Uterus

Capsule

Endometrium

Hyperplasia, Nos  
Inflammation, Interstitial  
Inflammation, Nos  
Hyperplasia, Hematopoietic  
Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

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