

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

C Number: C01989

Cage Range: All

Date Range: All

Reasons For Removal: All

Removal Date Range: All

Treatment Groups: All

Study Gender: Male

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_001

TRT#: 1

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Lung	Inflammation, Chronic
Stomach	Cyst, Epidermal Inclusion
Trachea	Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_002

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Bone	Cartilage,Nos	Cyst, Nos
Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Glomerulonephritis, Nos
Liver	Bile Duct	Hyperplasia, Nos
Prostate		Inflammation, Nos
		Metaplasia, Squamous
Testis		Hyperplasia, Interstitial Cell

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_003

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Glomerulonephritis, Nos
Liver	Bile Duct	Hyperplasia, Nos
Lung	Mucous Gland	Abscess, Nos
	Mucous Gland	Necrosis, Nos
Pancreas	Acinus	Atrophy, Nos
		Hyperplasia, Intraductal
		Inflammation, Nos
Prostate		Inflammation, Nos
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Urinary bladder		Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_004

TRT#: 1
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Glomerulonephritis, Nos
Liver	Bile Duct	Hyperplasia, Nos
Pancreas	Acinus	Atrophy, Nos
		Inflammation, Nos
Prostate		Inflammation, Nos
Testis	Tubule	Degeneration, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_005

TRT#: 1

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Glomerulonephritis, Nos
Mammary gland		Hyperplasia, Nos
Pancreas	Acinus	Atrophy, Nos
		Inflammation, Nos
Prostate		Inflammation, Nos
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_006

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung	Bronchus	Inflammation, Chronic Perivasculitis
Trachea		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_007

TRT#: 1

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney		Glomerulonephritis, Nos
Liver	Bile Duct	Hyperplasia, Nos
Pancreas	Acinus	Atrophy, Nos
		Inflammation, Nos
Prostate		Inflammation, Nos
Testis	Tubule	Degeneration, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_008

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Focal
	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Nos
Lung		Inflammation, Focal
Preputial gland		Abscess, Nos
		Hyperplasia, Nos
Prostate		Hyperplasia, Papillary
		Inflammation, Nos
Testis		Interstitial-Cell Tumor
Urinary bladder		Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_009

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Pheochromocytoma
Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Focal
	Bile Duct	Hyperplasia, Nos
Lung		Atelectasis
		Inflammation, Nos
Pituitary gland		Chromophobe Adenoma
Prostate		Inflammation, Nos
Spleen		Hyperplasia, Erythroid
Testis	Tubule	Degeneration, Nos
		Interstitial-Cell Tumor
Thyroid		Adenocarcinoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_010

TRT#: 1
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hypertrophy, Focal Pheochromocytoma
Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Focal
	Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Focal
Pituitary gland		Hyperplasia, Nos
Prostate		Hyperplasia, Papillary
		Inflammation, Nos
		Metaplasia, Squamous
Spleen		Hyperplasia, Erythroid
		Hyperplasia, Reticulum Cell
Testis	Tubule	Degeneration, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_011

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic Focal
Lung		Congestion, Nos
		Edema, Nos
	Bronchus	Inflammation, Chronic
		Perivasculitis
Trachea		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_012

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Focal
	Bile Duct	Hyperplasia, Nos
Lymph node		Hyperplasia, Reticulum Cell
Pancreas		Inflammation, Nos
Spleen		Hyperplasia, Erythroid
		Hyperplasia, Reticulum Cell
Testis	Tubule	Degeneration, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_013

TRT#: 1

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Nodular

Kidney

Glomerulonephritis, Nos

Liver

Hyperplasia, Focal

Bile Duct

Hyperplasia, Nos

Prostate

Inflammation, Focal

Spleen

Hyperplasia, Erythroid

Stomach

Hyperplasia, Reticulum Cell

Testis

Ulcer, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_014

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Small
Kidney
Liver

Pituitary gland
Testis
Trachea

Cortex Nos
Myocardium Nos
Peyers Patch

Bile Duct

Hyperplasia, Nos
Inflammation, Interstitial
Hyperplasia, Nos
Glomerulonephritis, Nos
Hyperplasia, Nos
Necrosis, Focal
Adenoma, Nos
Interstitial-Cell Tumor
Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_015

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Nos

Heart

Myocardium Nos

Inflammation, Nos

Kidney

Glomerulonephritis, Nos

Liver

Hyperplasia, Focal

Bile Duct

Hyperplasia, Nos

Bile Duct

Inflammation, Nos

Pancreas

Inflammation, Nos

Prostate

Inflammation, Nos

Stomach

Paraganglioma, Nos

Testis

Hyperplasia, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_016

TRT#: 1

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Lung	Pneumonia, Chronic Murine
Trachea	Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_017

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain		Astrocytoma
Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Inflammation, Interstitial
Liver	Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Interstitial
Prostate		Inflammation, Nos
Testis		Hyperplasia, Interstitial Cell
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_018

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Nos

Heart

Myocardium Nos

Inflammation, Interstitial

Kidney

Glomerulonephritis, Nos

Liver

Bile Duct

Hyperplasia, Nos

Lung

Mucous Gland

Hyperplasia, Adenomatous

Stomach

Hyperplasia, Nos

Testis

Ulcer, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_019

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Small
Kidney
Liver

Peyers Patch

Hyperplasia, Nos
Glomerulonephritis, Nos
Hyperplasia, Focal

Bile Duct

Hyperplasia, Nos

Bile Duct

Inflammation, Nos

Bronchiole

Inflammation, Focal

Lung
Mammary gland

Hyperplasia, Nos

Pancreas

Inflammation, Nos

Prostate

Inflammation, Focal

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_020

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Focal
	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Nos
		Necrosis, Focal
Lung	Bronchiole	Inflammation, Nos
Mammary gland		Hyperplasia, Nos
Pancreas	Islets	Islet-Cell Adenoma
Pituitary gland		Chromophobe Adenoma
Prostate		Inflammation, Nos
		Metaplasia, Squamous
Spleen		Hyperplasia, Erythroid
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_021

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic Focal
Intestine Large	Colon	Nematodiasis
Liver	Bile Duct	Hyperplasia, Focal
Lung	Bronchus	Inflammation, Chronic
Trachea		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_022

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Small
Kidney
Liver

Medulla
Myocardium Nos
Peyers Patch

Bile Duct

Prostate
Stomach
Testis
Thyroid

Hyperplasia, Nos
Inflammation, Interstitial
Hyperplasia, Nos
Glomerulonephritis, Nos
Hyperplasia, Focal
Hyperplasia, Nos
Necrosis, Coagulative
Inflammation, Nos
Hyperplasia, Nos
Interstitial-Cell Tumor
Hyperplasia, Adenomatous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_023

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Interstitial
Intestine Small	Peyers Patch	Hyperplasia, Nos
Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Focal
	Bile Duct	Hyperplasia, Nos
Prostate		Hyperplasia, Focal
		Inflammation, Nos
		Metaplasia, Squamous
Spleen		Reticulocytosis
Stomach		Hyperplasia, Nos
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_024

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Interstitial
Intestine Small	Peyers Patch	Hyperplasia, Nos
Kidney		Glomerulonephritis, Nos
Liver	Bile Duct	Hyperplasia, Nos
Prostate		Inflammation, Nos
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_025

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Focal
	Bile Duct	Hyperplasia, Nos
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Monocytic
Urinary bladder		Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_026

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung	Bronchus	Inflammation, Chronic Perivasculitis
Testis		Aspermatogenesis Atrophy, Nos
Trachea		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_027

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Glomerulonephritis, Nos
Liver	Bile Duct	Hyperplasia, Nos
		Necrosis, Focal
Prostate		Inflammation, Nos
Spleen		Hyperplasia, Erythroid
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_028

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Glomerulonephritis, Nos

Liver

Hyperplasia, Focal

Bile Duct

Hyperplasia, Nos

Metamorphosis, Fatty

Lymph node

Hyperplasia, Reticulum Cell

Pancreas

Islets

Hyperplasia, Nos

Pituitary gland

Hyperplasia, Chromophobe Cell

Spleen

Hyperplasia, Erythroid

Testis

Hyperplasia, Interstitial Cell

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_029

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Calcification, Nos
	Medulla	Necrosis, Nos
		Pheochromocytoma
Heart	Myocardium Nos	Fibrosis
Kidney		Glomerulonephritis, Nos
Liver	Periportal	Fibrosis
		Hyperplasia, Focal
	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Nos
Lung		Inflammation, Suppurative
Pituitary gland		Chromophobe Adenoma
Prostate		Inflammation, Nos
Spleen		Fibrosis
		Infarct, Healed
		Thrombosis, Nos
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_030

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lymph node

Mammary gland

Pancreas

Pituitary gland

Prostate

Spleen

Stomach

Testis

Myocardium Nos

Bile Duct

Mediastinal Lymph Node

Pheochromocytoma

Fibrosis

Glomerulonephritis, Nos

Hyperplasia, Nos

Plasmacytosis

Hyperplasia, Nos

Inflammation, Nos

Adenoma, Nos

Inflammation, Nos

Hyperplasia, Erythroid

Hyperplasia, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_031

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Blood vessel

Pulmonary Artery Nos

Hypertrophy, Nos

Heart

Myocardium Nos

Inflammation, Chronic Focal

Lung

Bronchus

Inflammation, Chronic

Trachea

Perivasculitis

Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_033

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Focal
	Bile Duct	Hyperplasia, Nos
Lymph node		Hyperplasia, Reticulum Cell
Pancreas	Islets	Hyperplasia, Nos
Pituitary gland		Chromophobe Adenoma
Spleen		Hyperplasia, Erythroid
Testis	Tubule	Degeneration, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_034

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Focal
	Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Focal
Lymph node	Lymphatic Vessels	Inflammation, Nos
Pituitary gland		Chromophobe Adenoma
Stomach		Acanthosis
		Hyperkeratosis
Testis		Interstitial-Cell Tumor
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_035

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Focal
	Bile Duct	Hyperplasia, Nos
Pancreas		Inflammation, Nos
Pituitary gland		Chromophobe Adenoma
Prostate		Hyperplasia, Focal
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Urinary bladder		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_036

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Blood vessel

Aorta Nos

Inflammation, Chronic Focal

Lung

Bronchus

Inflammation, Chronic

Trachea

Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_037

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lymph node

Pituitary gland

Prostate

Testis

Thyroid

Myocardium Nos

Bile Duct

Pheochromocytoma

Inflammation, Interstitial

Glomerulonephritis, Nos

Hyperplasia, Focal

Hyperplasia, Nos

Hyperplasia, Nos

Chromophobe Adenoma

Hyperplasia, Nos

Inflammation, Nos

Interstitial-Cell Tumor

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

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: 11:37:41
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_038

TRT#: 1
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Adenocarcinoma, Nos, Metastatic
Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Focal
	Bile Duct	Hyperplasia, Nos
Lung		Adenocarcinoma, Nos, Metastatic
Lymph node		Adenocarcinoma, Nos, Metastatic
Pancreas	Islets	Islet-Cell Adenoma
Pituitary gland		Hyperplasia, Nos
Prostate		Hyperplasia, Focal
		Inflammation, Nos
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thyroid		Adenocarcinoma, Nos
Trachea		Adenocarcinoma, Nos, Metastatic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_039

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Peyers Patch

Hyperplasia, Nos

Kidney

Glomerulonephritis, Nos

Liver

Hyperplasia, Focal

Pituitary gland

Chromophobe Adenoma

Spleen

Hyperplasia, Reticulum Cell

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_040

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Intestine Small

Kidney

Liver

Lymph node

Mammary gland

Pituitary gland

Prostate

Spleen

Testis

Trachea

Myocardium Nos

Peyers Patch

Bile Duct

Pheochromocytoma

Fibrosis

Hyperplasia, Nos

Glomerulonephritis, Nos

Hyperplasia, Focal

Hyperplasia, Nos

Inflammation, Nos

Hyperplasia, Nos

Chromophobe Adenoma

Hyperplasia, Focal

Inflammation, Nos

Hyperplasia, Reticulum Cell

Hyperplasia, Interstitial Cell

Interstitial-Cell Tumor

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_043

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung	Bronchus	Inflammation, Chronic Perivasculitis
Trachea		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_044

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Interstitial
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Undifferentiated

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_045

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
Heart	Myocardium Nos	Fibrosis
Intestine Large	Colon	Nematodiasis
Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Focal
	Bile Duct	Hyperplasia, Nos
Pancreas		Inflammation, Nos
Prostate		Inflammation, Focal
Spleen		Hyperplasia, Erythroid
		Hyperplasia, Reticulum Cell
Stomach		Hyperplasia, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_046

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Colon

Nematodiasis

Lung

Bronchus

Inflammation, Chronic

Trachea

Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_047

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Focal
	Bile Duct	Hyperplasia, Nos
Pituitary gland		Chromophobe Adenoma
Prostate		Inflammation, Nos
		Metaplasia, Squamous
Spleen		Hyperplasia, Erythroid
		Hyperplasia, Reticulum Cell
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_049

TRT#: 1

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Focal
	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Nos
Pituitary gland		Hyperplasia, Chromophobe Cell
Prostate		Hyperplasia, Focal
Spleen		Hyperplasia, Erythroid
		Hyperplasia, Reticulum Cell
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_001

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Glomerulonephritis, Nos
Liver	Hepatocytes	Hyperplasia, Focal
Pituitary gland		Adenoma, Nos
Seminal vesicle		Atrophy, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Tail	Squamous Cell Papilloma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_002

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Seminal vesicle

Testis

Glomerulonephritis, Nos

Atrophy, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_003

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Glomerulonephritis, Nos
Pancreas	Islets	Islet-Cell Adenoma
Pituitary gland		Hyperplasia, Focal
Seminal vesicle		Atrophy, Nos
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_004

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Glomerulonephritis, Nos
Pancreas	Islets	Islet-Cell Adenoma
Pituitary gland		Hyperplasia, Focal
Testis		Hyperplasia, Interstitial Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_005

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Nodular
Seminal vesicle		Atrophy, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_006

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Glomerulonephritis, Nos

Seminal vesicle

Atrophy, Nos

Skin

Fibroma

Testis

Interstitial-Cell Tumor

Thyroid

C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_007

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Intestine Small
Kidney
Liver
Lung
Seminal vesicle
Testis

Mesentery Nos

Hepatocytes

Pheochromocytoma
Periarteritis
Glomerulonephritis, Nos
Hyperplasia, Focal
Alveolar/Bronchiolar Adenoma
Atrophy, Nos
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_008

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Mesentery Nos

Periarteritis

Kidney

Glomerulonephritis, Nos

Liver

Hyperplasia, Focal

Seminal vesicle

Atrophy, Nos

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_009

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1250 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney	Glomerulonephritis, Nos
Prostate	Inflammation, Focal
Seminal vesicle	Atrophy, Nos
Skin	Lymphoma, Histiocytic-Malignant Type
Testis	Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_010

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1250 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney
Mammary gland

Glomerulonephritis, Nos

Fibroadenoma

Galactocele

Hyperplasia, Nos

Pituitary gland

Adenoma, Nos

Prostate

Inflammation, Acute

Seminal vesicle

Atrophy, Nos

Skin

Fibroma

Stomach

Ulcer, Focal

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_011

TRT#: 2

DOSE: 1250 PPM

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Liver

Lung

Seminal vesicle

Testis

Glomerulonephritis, Nos

Hepatocellular Carcinoma

Alveolar/Bronchiolar Adenoma

Atrophy, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_012

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Nodular

Kidney

Glomerulonephritis, Nos

Liver

Hepatocytes

Hyperplasia, Focal

Pancreas

Islets

Islet-Cell Adenoma

Pituitary gland

Adenoma, Nos

Hyperplasia, Focal

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_013

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1250 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney		Glomerulonephritis, Nos
Lung		Bronchopneumonia, Focal
Pituitary gland		Hyperplasia, Focal
Prostate	Coagulating Gland	Atrophy, Nos
		Atrophy, Nos
Seminal vesicle		Atrophy, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_014

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1250 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Glomerulonephritis, Nos

Liver

Hyperplasia, Nos

Seminal vesicle

Hypertrophy, Nos

Skin

Atrophy, Nos

Testis

Fibroma

Thyroid

Interstitial-Cell Tumor

C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_016

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1250 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_017

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Glomerulonephritis, Nos
Pituitary gland		Adenoma, Nos
Testis		Interstitial-Cell Tumor
Thyroid		Papillary Cystadenocarcinoma Nos
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: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_018

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1250 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Glomerulonephritis, Nos
Prostate		Inflammation, Focal
Seminal vesicle		Atrophy, Nos
Testis	Tubule	Degeneration, Nos
		Interstitial-Cell Tumor
Trachea		Abscess, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_019

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Focal
		Metamorphosis, Fatty
Pituitary gland		Adenoma, Nos
		Hyperplasia, Focal
Prostate		Adenoma, Nos
		Hyperplasia, Adenomatous
		Inflammation, Focal
Testis	Tubule	Degeneration, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_020

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Nodular

Heart

Myocardium Nos

Inflammation, Interstitial

Kidney

Glomerulonephritis, Nos

Lung

Alveolar/Bronchiolar Adenoma

Pituitary gland

Adenoma, Nos

Testis

Hyperplasia, Focal

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_021

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Heart		Fibrosarcoma
Intestine Large	Colon	Ulcer, Focal
Kidney		Glomerulonephritis, Nos
Liver		Metamorphosis, Fatty
Lung		Fibrosarcoma
Seminal vesicle		Atrophy, Nos
Testis		Interstitial-Cell Tumor
Thymus		Fibrosarcoma
Unspecified	Mediastinum Nos	Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_022

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Pancreas

Seminal vesicle

Testis

Acinus

Glomerulonephritis, Nos

Atrophy, Nos

Atrophy, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_023

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Seminal vesicle

Testis

Glomerulonephritis, Nos

Atrophy, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_024

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1250 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Intestine Large
Kidney
Prostate
Salivary gland
Testis

Colon

Adenocarcinoma, Nos
Glomerulonephritis, Nos
Inflammation, Focal
Sarcoma, Nos
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_025

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Prostate

Seminal vesicle

Spleen

Testis

Coagulating Gland

Pheochromocytoma

Glomerulonephritis, Nos

Atrophy, Nos

Atrophy, Nos

Hyperplasia, Lymphoid

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_026

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Glomerulonephritis, Nos
Pituitary gland		Adenoma, Nos
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_027

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Glomerulonephritis, Nos

Liver

Hyperplasia, Focal

Seminal vesicle

Atrophy, Nos

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_028

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1250 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Interstitial
Liver		Hyperplasia, Focal
Testis		Interstitial-Cell Tumor
Thyroid		Adenocarcinoma, Nos
Unspecified	Body Cavities	Mesothelioma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_029

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney
Pituitary gland
Prostate
Testis

Glomerulonephritis, Nos
Adenoma, Nos
Inflammation, Acute
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_030

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Glomerulonephritis, Nos
Liver	Hepatocytes	Hyperplasia, Focal
Seminal vesicle		Atrophy, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Body Cavities	Mesothelioma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_031

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Intestine Small
Kidney
Liver
Preputial gland
Seminal vesicle
Testis

Cortex Nos
Duodenum

Hepatocytes

Hyperplasia, Nodular
Fibrosarcoma
Glomerulonephritis, Nos
Hyperplasia, Focal
Cystadenoma, Nos
Atrophy, Nos
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_032

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1250 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart

Myocardium Nos

Inflammation, Interstitial

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_033

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Glomerulonephritis, Nos
Liver	Hepatocytes	Hyperplasia, Focal
		Metamorphosis, Fatty
Lung		Hyperplasia, Adenomatous
Pancreas	Islets	Islet-Cell Adenoma
Seminal vesicle		Atrophy, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_034

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Glomerulonephritis, Nos
Liver	Hepatocytes	Hyperplasia, Focal
Mammary gland		Fibroadenoma
Prostate	Coagulating Gland	Atrophy, Nos
Seminal vesicle		Atrophy, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_035

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Nodular

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Glomerulonephritis, Nos

Liver

Hepatocytes

Hyperplasia, Focal

Seminal vesicle

Metamorphosis, Fatty

Testis

Atrophy, Nos

Atrophy, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_036

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Nos

Pheochromocytoma

Kidney

Glomerulonephritis, Nos

Liver

Hepatocytes

Hyperplasia, Focal

Seminal vesicle

Atrophy, Nos

Skin

Dermis

Fibrosarcoma

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_037

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Brain

Kidney

Liver

Seminal vesicle

Testis

Hepatocytes

Pheochromocytoma

Glioma, Nos

Glomerulonephritis, Nos

Hyperplasia, Focal

Atrophy, Nos

Atrophy, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_038

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Epicardium	Inflammation, Nos
Kidney		Glomerulonephritis, Nos
Lung	Pleura Nos	Inflammation, Fibrinous
Peritoneum		Inflammation, Chronic Focal
Seminal vesicle		Atrophy, Nos
Spleen	Capsule	Inflammation, Focal
Testis		Interstitial-Cell Tumor
Unspecified	Abdominal Cavity	Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_039

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Liver

Pituitary gland

Prostate

Testis

Hepatocytes

Glomerulonephritis, Nos

Hyperplasia, Focal

Adenoma, Nos

Hyperplasia, Focal

Inflammation, Focal

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_041

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Glomerulonephritis, Nos

Pituitary gland

Adenoma, Nos

Prostate

Inflammation, Acute

Seminal vesicle

Atrophy, Nos

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_042

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1250 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Epicardium	Inflammation, Chronic
Kidney		Glomerulonephritis, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Body Cavities	Mesothelioma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_043

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Glomerulonephritis, Nos
Seminal vesicle		Atrophy, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_044

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Pituitary gland

Seminal vesicle

Testis

Myocardium Nos

Pheochromocytoma

Degeneration, Nos

Glomerulonephritis, Nos

Hyperplasia, Focal

Adenoma, Nos

Atrophy, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_045

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Nodular

Kidney

Glomerulonephritis, Nos

Liver

Hepatocytes

Hyperplasia, Focal

Pancreas

Islets

Islet-Cell Adenoma

Seminal vesicle

Atrophy, Nos

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_046

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Glomerulonephritis, Nos

Liver

Hyperplasia, Nodular

Seminal vesicle

Atrophy, Nos

Skin

Sebaceous Adenocarcinoma

Testis

Interstitial-Cell Tumor

Unspecified

Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_047

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1250 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney		Glomerulonephritis, Nos
Liver	Hepatocytes	Hyperplasia, Nodular
Preputial gland		Cystadenoma, Nos
Seminal vesicle		Atrophy, Nos
Testis		Interstitial-Cell Tumor
Unspecified		Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_048

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1250 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Eye	Lacrimal Gland	Inflammation, Nos
Kidney		Glomerulonephritis, Nos
Prostate		Inflammation, Nos
Seminal vesicle		Atrophy, Nos
Testis		Interstitial-Cell Tumor
Zymbal gland		Sebaceous Adenocarcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_049

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Glomerulonephritis, Nos

Liver

Hepatocellular Carcinoma

Seminal vesicle

Atrophy, Nos

Skin

Basal-Cell Carcinoma

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_050

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1250 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow		Erythropoiesis
Kidney		Glomerulonephritis, Nos
Liver	Centrilobular	Degeneration, Nos
Pancreas	Acinus	Atrophy, Nos
Pituitary gland		Adenoma, Nos
Seminal vesicle		Atrophy, Nos
Spleen		Hematopoiesis
Testis	Tubule	Degeneration, Nos
		Interstitial-Cell Tumor
Unspecified	Body Cavities	Mesothelioma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_001

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Blood vessel	Pulmonary Artery Nos	Inflammation, Proliferative
Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Mucosa, Duodenum	Pigmentation, Nos
Kidney		Nephrosis, Nos
Liver	Hepatocytes	Hyperplasia, Focal
Pancreas		Acinar-Cell Adenoma
Testis		Interstitial-Cell Tumor
Thyroid		Adenocarcinoma, Nos
		Hyperpigmentation
		Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_002

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Hyperpigmentation
		Nephrosis, Nos
Parathyroid gland		Hyperplasia, Nos
Preputial gland		Papillary Adenoma
Seminal vesicle		Atrophy, Nos
Testis	Tubule	Degeneration, Nos
		Interstitial-Cell Tumor
Thyroid		Cyst, Follicular Nos
		Follicular-Cell Carcinoma
		Hyperpigmentation
Unspecified		Fibroma
		Fibrosarcoma
	Body Cavities	Mesothelioma, Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_003

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Mucosa, Duodenum

Pigmentation, Nos

Kidney

Nephrosis, Nos

Tubule

Pigmentation, Nos

Testis

Hyperplasia, Interstitial Cell

Thyroid

Interstitial-Cell Tumor

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_004

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Mucosa, Duodenum	Pigmentation, Nos
Kidney		Nephrosis, Nos
Lung		Alveolar/Bronchiolar Adenoma
Pancreas	Islets	Hyperplasia, Nos
Pituitary gland		Adenoma, Nos
Prostate		Inflammation, Acute
Testis	Tubule	Degeneration, Nos
Thyroid		C-Cell Adenoma
		C-Cell Carcinoma
		Papillary Cystadenocarcinoma Nos
		Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_005

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Inflammation, Interstitial
		Nephrosis, Nos
Liver	Hepatocytes	Hyperplasia, Focal
Lung		Alveolar/Bronchiolar Carcinoma
Pancreas	Islets	Hyperplasia, Nos
Seminal vesicle		Atrophy, Nos
Stomach		Ulcer, Nos
Testis	Tubule	Degeneration, Nos
		Interstitial-Cell Tumor
Thyroid		Adenocarcinoma, Nos
		Hyperpigmentation
		Hyperplastic Nodule

PRIMARY CAUSE OF DEATH

-

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_006

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Nodular

Heart

Myocardium Nos

Degeneration, Nos

Endocardium Nos

Inflammation, Focal

Kidney

Nephrosis, Nos

Lung

Hyperplasia, Adenomatous

Lymph node

Mediastinal Lymph Node

Plasmacytosis

Preputial gland

Carcinoma, Nos

Seminal vesicle

Atrophy, Nos

Testis

Tubule

Degeneration, Nos

Thyroid

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Hyperpigmentation

Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_007

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Liver

Testis

Thyroid

Hepatocytes

Nephrosis, Nos

Hyperplasia, Focal

Interstitial-Cell Tumor

Adenocarcinoma, Nos

C-Cell Adenoma

Hyperpigmentation

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_008

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Mucosa, Duodenum

Pigmentation, Nos

Kidney

Nephrosis, Nos

Prostate

Inflammation, Acute

Skin

Sebaceous Adenoma

Testis

Interstitial-Cell Tumor

Thyroid

Hyperpigmentation

Papillary Cystadenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_009

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Intestine Small

Kidney

Liver

Skin

Testis

Thyroid

Myocardium Nos

Mucosa, Duodenum

Pheochromocytoma

Degeneration, Nos

Pigmentation, Nos

Nephrosis, Nos

Hyperplasia, Diffuse

Cyst, Nos

Hyperplasia, Interstitial Cell

Adenocarcinoma, Nos

Hyperpigmentation

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_010

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Eye	Retina	Cataract
Intestine Small	Mucosa, Duodenum	Degeneration, Nos
Skin	Ear	Pigmentation, Nos
Testis	Tubule	Fibrosarcoma
Thyroid		Degeneration, Nos
		Hyperpigmentation

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_011

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephrosis, Nos
Lung		Inflammation, Necrotizing
Lymph node	Mesenteric Lymph Node	Plasmacytosis
Testis	Tubule	Degeneration, Nos
		Interstitial-Cell Tumor
Thyroid		Adenocarcinoma, Nos
		Hyperpigmentation

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_012

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Medulla

Hyperplasia, Focal

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Nephrosis, Nos

Liver

Hepatocytes

Hyperplasia, Focal

Seminal vesicle

Atrophy, Nos

Skin

Basal-Cell Carcinoma

Testis

Interstitial-Cell Tumor

Thyroid

Hyperpigmentation

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_013

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Small
Kidney
Liver
Pituitary gland
Prostate
Salivary gland
Testis
Thyroid

Myocardium Nos
Mucosa, Duodenum

Submaxillary Gland Nos

Pheochromocytoma
Degeneration, Nos
Pigmentation, Nos
Nephrosis, Nos
Hepatocellular Carcinoma
Adenoma, Nos
Inflammation, Acute
Plasmacytosis
Interstitial-Cell Tumor
C-Cell Adenoma
Hyperpigmentation
Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_014

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Intestine Small

Kidney

Lung

Spleen

Testis

Thyroid

Myocardium Nos

Mucosa, Duodenum

Pheochromocytoma

Degeneration, Nos

Pigmentation, Nos

Nephrosis, Nos

Congestion, Nos

Edema, Nos

Pigmentation, Nos

Interstitial-Cell Tumor

C-Cell Adenoma

Hyperpigmentation

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_015

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Ileum

Inflammation, Acute/Chronic

Mucosa

Pigmentation, Nos

Kidney

Nephrosis, Nos

Testis

Hyperplasia, Interstitial Cell

Thyroid

Interstitial-Cell Tumor

Hyperpigmentation

Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_016

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Mucosa

Pigmentation, Nos

Kidney

Nephrosis, Nos

Skin

Sebaceous Adenocarcinoma

Thyroid

C-Cell Adenoma

Follicular-Cell Adenoma

Hyperpigmentation

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_017

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Nephrosis, Nos

Testis

Interstitial-Cell Tumor

Thyroid

Adenocarcinoma, Nos

Hyperpigmentation

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_018

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Mucosa, Duodenum	Pigmentation, Nos
Kidney		Nephrosis, Nos
Liver	Hepatocytes	Hyperplasia, Focal
		Neoplastic Nodule
Skin		Squamous Cell Carcinoma
Testis	Tubule	Degeneration, Nos
		Interstitial-Cell Tumor
Thyroid		Adenocarcinoma, Nos
		Hyperpigmentation
		Papillary Cystadenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_019

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nodular
Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Mucosa, Duodenum	Pigmentation, Nos
Kidney		Nephrosis, Nos
Liver	Hepatocytes	Hyperplasia, Nos
Pancreas	Acinus	Atrophy, Nos
Preputial gland		Adenoma, Nos
Salivary gland		Inflammation, Chronic Focal
Seminal vesicle		Atrophy, Nos
Testis		Interstitial-Cell Tumor
Thyroid		Hyperpigmentation

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_020

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Ear
Intestine Small
Kidney
Lung
Testis
Thyroid

Canal
Mucosa, Duodenum

Sebaceous Adenocarcinoma
Pigmentation, Nos
Nephrosis, Nos
Sebaceous Adenocarcinoma, Metastatic
Interstitial-Cell Tumor
Adenocarcinoma, Nos
Hyperpigmentation

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_021

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Small
Kidney
Lung
Skin
Testis
Thyroid

Cortex Nos
Myocardium Nos
Mucosa, Duodenum

Hyperplasia, Focal
Degeneration, Nos
Pigmentation, Nos
Nephrosis, Nos
Bronchopneumonia Suppurative
Fibroma
Interstitial-Cell Tumor
Cyst, Follicular Nos
Hyperpigmentation

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_022

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Mucosa, Duodenum

Pigmentation, Nos

Kidney

Nephrosis, Nos

Prostate

Inflammation, Acute/Chronic

Testis

Tubule

Degeneration, Nos

Thyroid

Hyperpigmentation

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_024

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Pancreas

Acinus

Prostate

Testis

Tubule

Thyroid

Pheochromocytoma

Nephrosis, Nos

Atrophy, Focal

Periarteritis

Inflammation, Acute

Degeneration, Nos

Interstitial-Cell Tumor

C-Cell Carcinoma

Hyperpigmentation

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_025

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Mucosa, Duodenum	Pigmentation, Nos
Kidney		Nephrosis, Nos
Pituitary gland		Adenoma, Nos
Prostate		Degeneration, Nos
Skin		Sebaceous Adenocarcinoma
Testis	Tubule	Degeneration, Nos
Thyroid		Hyperpigmentation
Unspecified		Fibrosarcoma
	Body Cavities	Mesothelioma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_026

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Periarteritis
Kidney		Nephrosis, Nos
Pancreas	Acinus	Atrophy, Nos
Preputial gland		Cystic Ducts
Seminal vesicle		Atrophy, Nos
Skin		Sebaceous Adenocarcinoma
		Squamous Cell Carcinoma
Testis		Interstitial-Cell Tumor
Thyroid		Hyperpigmentation

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_027

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Ear	Canal	Squamous Cell Carcinoma
Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Mucosa, Duodenum	Pigmentation, Nos
Kidney		Nephrosis, Nos
	Pelvis	Transitional-Cell Papilloma
Testis		Interstitial-Cell Tumor
Thyroid		Hyperpigmentation

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_028

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Mucosa, Duodenum	Pigmentation, Nos
Kidney	Pelvis	Calcification, Focal
		Nephrosis, Nos
Pituitary gland		Adenoma, Nos
Prostate		Inflammation, Acute
Thyroid		Hyperpigmentation
Zymbal gland		Sebaceous Adenocarcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_029

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Intestine Small

Kidney

Pancreas

Preputial gland

Prostate

Testis

Thyroid

Myocardium Nos

Mucosa, Duodenum

Acinus

Pheochromocytoma

Degeneration, Nos

Pigmentation, Nos

Nephrosis, Nos

Atrophy, Nos

Carcinoma, Nos

Inflammation, Acute/Chronic

Interstitial-Cell Tumor

Adenocarcinoma, Nos

C-Cell Adenoma

Hyperpigmentation

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_030

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
	Endocardium Nos	Inflammation, Acute/Chronic
Intestine Small	Mucosa, Duodenum	Pigmentation, Nos
Kidney		Nephrosis, Nos
Testis	Tubule	Degeneration, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperpigmentation
Zymbal gland		Sebaceous Adenocarcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_031

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Testis

Thyroid

Tubule

Nephrosis, Nos

Degeneration, Nos

Interstitial-Cell Tumor

Adenocarcinoma, Nos

Hyperpigmentation

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_032

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Mucosa, Duodenum

Pigmentation, Nos

Kidney

Nephrosis, Nos

Prostate

Inflammation, Acute

Skin

Ear

Squamous Cell Carcinoma

Testis

Interstitial-Cell Tumor

Thyroid

Cyst, Follicular Nos

Unspecified

Abscess, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_033

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart

Myocardium Nos

Degeneration, Nos

Intestine Small

Mucosa, Duodenum

Pigmentation, Nos

Kidney

Nephrosis, Nos

Testis

Interstitial-Cell Tumor

Thyroid

Hyperpigmentation

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_034

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Testis

Thyroid

Nephrosis, Nos

Interstitial-Cell Tumor

Cyst, Follicular Nos

Hyperpigmentation

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_035

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Intestine Small
Kidney
Liver
Lung

Pancreas
Prostate
Testis
Thyroid

Mucosa, Duodenum

Hepatocytes

Bronchus

Acinus

Pheochromocytoma
Pigmentation, Nos
Nephrosis, Nos
Hyperplasia, Focal
Bronchiectasis
Hyperplasia, Adenomatous
Atrophy, Nos
Inflammation, Acute
Interstitial-Cell Tumor
Cyst, Follicular Nos
Hyperpigmentation

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_036

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Mucosa, Duodenum	Pigmentation, Nos
Kidney		Nephrosis, Nos
Liver	Hepatocytes	Hyperplasia, Nos
Seminal vesicle		Atrophy, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		C-Cell Carcinoma
		Hyperpigmentation
		Hyperplasia, Follicular Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_037

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Mucosa, Duodenum	Pigmentation, Nos
Kidney		Nephrosis, Nos
Liver	Hepatocytes	Hyperplasia, Focal
Skin	Scrotum	Cyst, Epidermal Inclusion
Testis		Interstitial-Cell Tumor
Thyroid		Adenocarcinoma, Nos
		Hyperpigmentation

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_038

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Mucosa, Duodenum	Pigmentation, Nos
Kidney		Nephrosis, Nos
Pancreas	Acinus	Atrophy, Nos
Pituitary gland		Adenoma, Nos
Testis	Tubule	Degeneration, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperpigmentation

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_039

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Mucosa, Duodenum	Pigmentation, Nos
Kidney		Nephrosis, Nos
Pituitary gland		Adenoma, Nos
Prostate		Inflammation, Acute
Testis	Tubule	Degeneration, Nos
		Interstitial-Cell Tumor
Thyroid		Cyst, Follicular Nos
		Hyperpigmentation
Zymbal gland		Sebaceous Adenocarcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_040

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Mucosa, Duodenum

Pigmentation, Nos

Kidney

Nephrosis, Nos

Liver

Hepatocytes

Hyperplasia, Focal

Testis

Tubule

Degeneration, Nos

Thyroid

Adenocarcinoma, Nos

Hyperpigmentation

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_041

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Mucosa, Duodenum	Pigmentation, Nos
Kidney		Nephrosis, Nos
Prostate		Inflammation, Acute
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Cyst, Follicular Nos
		Hyperpigmentation

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_042

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Pigmentation, Nos
Kidney		Nephrosis, Nos
Pituitary gland		Adenoma, Nos
Preputial gland		Adenoma, Nos
Skin		Basal-Cell Carcinoma
Thyroid		Hyperpigmentation
		Lymphocytic Inflammatory Infiltrate
Unspecified	Body Cavities	Mesothelioma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_043

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Mucosa, Duodenum	Pigmentation, Nos
Kidney		Nephrosis, Nos
Liver	Hepatocytes	Hyperplasia, Focal
Prostate		Inflammation, Acute
Seminal vesicle		Hyperplasia, Epithelial
Testis	Tubule	Degeneration, Nos
		Interstitial-Cell Tumor
Thyroid		Adenocarcinoma, Nos
		Hyperpigmentation

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_044

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Mucosa, Duodenum

Pigmentation, Nos

Kidney

Tubule

Pigmentation, Nos

Testis

Tubule

Degeneration, Nos

Thyroid

Hyperpigmentation

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_045

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Preputial gland

Prostate

Testis

Thyroid

Myocardium Nos

Tubule

Pheochromocytoma

Degeneration, Nos

Nephrosis, Nos

Carcinoma, Nos

Inflammation, Acute

Degeneration, Nos

Interstitial-Cell Tumor

Hyperpigmentation

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_046

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephrosis, Nos

Liver

Hepatocytes

Hyperplasia, Focal

Pancreas

Acinus

Atrophy, Nos

Seminal vesicle

Atrophy, Nos

Testis

Atrophy, Nos

Thyroid

Interstitial-Cell Tumor

Hyperpigmentation

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_047

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney
Preputial gland

Myocardium Nos

Seminal vesicle
Testis
Thyroid

Pheochromocytoma
Degeneration, Nos
Nephrosis, Nos
Hyperplasia, Epithelial
Ulcer, Nos
Atrophy, Nos
Interstitial-Cell Tumor
C-Cell Adenoma
Cyst, Follicular Nos
Hyperpigmentation
Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_048

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephrosis, Nos
Liver	Hepatocytes	Hyperplasia, Focal
Preputial gland		Adenoma, Nos
		Carcinoma, Nos
Seminal vesicle		Atrophy, Nos
Skin		Cyst, Epidermal Inclusion
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
		Hyperpigmentation
		Hyperplasia, C Cell
		Papillary Adenocarcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_049

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Seminal vesicle

Skin

Testis

Thyroid

Ear

Pheochromocytoma

Nephrosis, Nos

Atrophy, Nos

Squamous Cell Carcinoma

Interstitial-Cell Tumor

Adenocarcinoma, Nos

Cyst, Follicular Nos

Hyperpigmentation

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_050

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nodular
Ear		Squamous Cell Carcinoma
Intestine Small	Mucosa, Duodenum	Pigmentation, Nos
Kidney		Nephrosis, Nos
Lung		Alveolar/Bronchiolar Adenoma
Pituitary gland		Adenoma, Nos
Preputial gland		Adenoma, Nos
Skin		Squamous Cell Carcinoma
Spleen	Red Pulp	Inflammation, Proliferative
Testis	Tubule	Degeneration, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperpigmentation

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_001

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Pancreas

Prostate

Testis

Myocardium Nos

Myocardium Nos

Bile Duct

Bronchus

Pheochromocytoma

Fibrosis

Inflammation, Interstitial

Glomerulonephritis, Nos

Hyperplasia, Nos

Inflammation, Interstitial

Inflammation, Nos

Inflammation, Nos

Inflammation, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_002

TRT#: 4

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Liver

Testis

Bile Duct

Glomerulonephritis, Nos

Hyperplasia, Nos

Atrophy, Nos

Hyperplasia, Interstitial Cell

Mineralization

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_003

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Colon

Parasitism

Kidney

Glomerulonephritis, Nos

Liver

Bile Duct

Hyperplasia, Nos

Lymph node

Necrosis, Focal

Mammary gland

Hyperplasia, Lymphoid

Pancreas

Hyperplasia, Nos

Pituitary gland

Inflammation, Nos

Prostate

Adenoma, Nos

Testis

Inflammation, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_004

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Liver

Lung

Prostate

Testis

Bile Duct

Glomerulonephritis, Nos

Hyperplasia, Nos

Pneumonia, Chronic Murine

Inflammation, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_005

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Testis

Myocardium Nos

Bile Duct

Bronchus

Pheochromocytoma

Inflammation, Interstitial

Glomerulonephritis, Nos

Hyperplasia, Focal

Hyperplasia, Nos

Inflammation, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_006

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Esophagus

Heart

Kidney

Liver

Testis

Unspecified

Myocardium Nos

Bile Duct

Multiple Organs Nos

Dysplasia, Nos

Inflammation, Interstitial

Glomerulonephritis, Nos

Hyperplasia, Nos

Atrophy, Nos

Interstitial-Cell Tumor

Leukemia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_007

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Glomerulonephritis, Nos
Liver	Bile Duct	Hyperplasia, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_008

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Peyers Patch

Hyperplasia, Nos

Kidney

Glomerulonephritis, Nos

Liver

Angiectasis

Bile Duct

Hyperplasia, Nos

Parathyroid gland

Adenoma, Nos

Pituitary gland

Adenoma, Nos

Testis

Interstitial-Cell Tumor

Urinary bladder

Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_009

TRT#: 4

DOSE: 0

SEX: Male

DISP: Natural Death

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney
Pituitary gland
Prostate

Glomerulonephritis, Nos
Adenoma, Nos
Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_010

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Glomerulonephritis, Nos

Liver

Hyperplasia, Focal

Bile Duct

Hyperplasia, Nos

Pituitary gland

Hyperplasia, Nos

Testis

Interstitial-Cell Tumor

Unspecified

Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_011

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Glomerulonephritis, Nos
Liver	Bile Duct	Hyperplasia, Nos
Pancreas		Inflammation, Nos
Pituitary gland		Adenoma, Nos
Prostate		Inflammation, Nos
Spleen		Hyperplasia, Erythroid
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_012

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Intestine Small

Kidney

Liver

Spleen

Testis

Thyroid

Myocardium Nos

Myocardium Nos

Ileum, Ileum

Ileum, Ileum

Bile Duct

Pheochromocytoma

Fibrosis

Inflammation, Interstitial

Inflammation, Nos

Sarcoma, Nos

Fibrosis, Diffuse

Glomerulonephritis, Nos

Hyperplasia, Nos

Hyperplasia, Erythroid

Hyperplasia, Hematopoietic

Atrophy, Nos

Interstitial-Cell Tumor

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_013

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Interstitial
Intestine Small	Peyers Patch	Hyperplasia, Nos
Kidney		Glomerulonephritis, Nos
Liver	Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Interstitial
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_014

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Fibrosis, Diffuse

Liver

Bile Duct

Glomerulonephritis, Nos

Pancreas

Hyperplasia, Nos

Pituitary gland

Inflammation, Nos

Stomach

Omentum Nos

Adenoma, Nos

Testis

Necrosis, Fat

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_015

TRT#: 4

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Brain		Glioma, Nos
Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Fibrosis, Diffuse
		Glomerulonephritis, Nos
Stomach	Omentum Nos	Necrosis, Fat
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_016

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Peyers Patch

Hyperplasia, Nos

Kidney

Glomerulonephritis, Nos

Lung

Inflammation, Interstitial

Mammary gland

Galactocele

Prostate

Inflammation, Nos

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_017

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Kidney		Glomerulonephritis, Nos
Liver		Fibrosis, Septal Liver
	Bile Duct	Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_018

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Kidney		Fibrosis, Diffuse
		Glomerulonephritis, Nos
Liver	Bile Duct	Hyperplasia, Nos
Mammary gland		Galactocele
Pituitary gland		Adenoma, Nos
Prostate		Inflammation, Nos
Spleen		Hemosiderosis
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_019

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Myocardium Nos

Liver

Lymph node

Spleen

Testis

Bile Duct

Pheochromocytoma

Inflammation, Interstitial

Fibrosis, Diffuse

Glomerulonephritis, Nos

Hyperplasia, Nos

Hyperplasia, Lymphoid

Fibrosis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_020

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Interstitial
Intestine Small	Peyers Patch	Hyperplasia, Nos
Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Focal
	Bile Duct	Hyperplasia, Nos
Prostate		Inflammation, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Body Cavities	Mesothelioma, Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_021

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Peyers Patch

Hyperplasia, Nos

Kidney

Ileum, Ileum

Inflammation, Nos

Liver

Bile Duct

Glomerulonephritis, Nos

Lung

Bronchus

Hyperplasia, Nos

Mammary gland

Inflammation, Nos

Pancreas

Hyperplasia, Nos

Pituitary gland

Inflammation, Nos

Prostate

Hyperplasia, Focal

Testis

Inflammation, Nos

Hyperplasia, Interstitial Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_022

TRT#: 4

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Kidney		Glomerulonephritis, Nos
Liver	Bile Duct	Hyperplasia, Nos
Lymph node		Plasmacytosis
Pancreas		Inflammation, Nos
Pituitary gland		Hyperplasia, Focal
Prostate		Inflammation, Nos
Spleen		Hyperplasia, Hematopoietic
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_023

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Heart	Myocardium Nos	Fibrosis
	Myocardium Nos	Inflammation, Interstitial
Intestine Large	Colon	Parasitism
Intestine Small	Peyers Patch	Hyperplasia, Nos
Kidney		Glomerulonephritis, Nos
Liver	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Nos
Pancreas		Inflammation, Nos
Pituitary gland		Adenoma, Nos
Prostate		Inflammation, Nos
Stomach		Acanthosis
		Hyperkeratosis
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_024

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Focal
	Bile Duct	Hyperplasia, Nos
Pancreas		Inflammation, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_025

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Interstitial
Liver		Hyperplasia, Focal
	Bile Duct	Hyperplasia, Nos
Pancreas		Inflammation, Nos
Prostate		Inflammation, Nos
Spleen		Hyperplasia, Erythroid
		Hyperplasia, Hematopoietic
Testis		Interstitial-Cell Tumor
Unspecified		Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_026

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Kidney		Glomerulonephritis, Nos
Liver	Bile Duct	Hyperplasia, Nos
Lung	Bronchus	Inflammation, Nos
Mammary gland		Hyperplasia, Nos
Prostate		Inflammation, Nos
Spleen		Hyperplasia, Erythroid
		Hyperplasia, Hematopoietic
Testis		Interstitial-Cell Tumor
Trachea		Inflammation, Nos
Unspecified		Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_028

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Colon

Parasitism

Intestine Small

Peyers Patch

Hyperplasia, Nos

Kidney

Glomerulonephritis, Nos

Liver

Hepatocellular Carcinoma

Bile Duct

Hyperplasia, Nos

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_029

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Small
Kidney
Liver

Medulla
Myocardium Nos
Peyers Patch

Bile Duct

Mammary gland
Pituitary gland
Salivary gland
Spleen

Testis

Hyperplasia, Nodular
Fibrosis
Hyperplasia, Nos
Glomerulonephritis, Nos
Hyperplasia, Focal
Hyperplasia, Nos
Necrosis, Focal
Hyperplasia, Nos
Adenoma, Nos
Sarcoma, Nos
Hyperplasia, Erythroid
Hyperplasia, Hematopoietic
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_030

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Focal

Heart

Myocardium Nos

Inflammation, Interstitial

Kidney

Glomerulonephritis, Nos

Liver

Bile Duct

Hyperplasia, Nos

Lung

Bronchus

Bronchiectasis

Pancreas

Islets

Inflammation, Necrotizing

Hyperplasia, Nos

Prostate

Inflammation, Nos

Unspecified

Multiple Organs Nos

Inflammation, Nos

Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_031

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Liver

Pancreas

Prostate

Testis

Unspecified

Bile Duct

Multiple Organs Nos

Pheochromocytoma

Glomerulonephritis, Nos

Hyperplasia, Nos

Inflammation, Nos

Inflammation, Nos

Interstitial-Cell Tumor

Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_032

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Testis

Myocardium Nos

Myocardium Nos

Pheochromocytoma

Fibrosis

Inflammation, Interstitial

Glomerulonephritis, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_033

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Pheochromocytoma, Malignant

Heart Myocardium Nos Inflammation, Interstitial

Intestine Small Peyers Patch Hyperplasia, Nos

Kidney Glomerulonephritis, Nos

Liver Hyperplasia, Focal

Bile Duct Hyperplasia, Nos

Lung Pheochromocytoma, Metastatic

Lymph node Hyperplasia, Lymphoid

Pancreas Inflammation, Nos

Spleen Hyperplasia, Erythroid

Testis Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_034

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Interstitial
Intestine Small	Peyers Patch	Hyperplasia, Nos
Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Focal
	Bile Duct	Hyperplasia, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_035

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Liver

Testis

Thyroid

Bile Duct

Glomerulonephritis, Nos

Hyperplasia, Nos

Atrophy, Nos

Interstitial-Cell Tumor

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_036

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Heart	Myocardium Nos	Inflammation, Interstitial
Intestine Small	Peyers Patch	Hyperplasia, Nos
Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Focal
	Bile Duct	Hyperplasia, Nos
Lung		Hyperplasia, Epithelial
		Inflammation, Interstitial
Pancreas		Inflammation, Nos
Parathyroid gland		Hyperplasia, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_037

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Glomerulonephritis, Nos
Liver	Bile Duct	Hyperplasia, Nos
Lung	Bronchus	Inflammation, Nos
Prostate		Inflammation, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_038

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Glomerulonephritis, Nos

Liver

Hyperplasia, Focal

Bile Duct

Hyperplasia, Nos

Bile Duct

Inflammation, Nos

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_040

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Intestine Small	Peyers Patch	Hyperplasia, Nos
Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Focal
	Bile Duct	Hyperplasia, Nos
Pancreas		Inflammation, Nos
Salivary gland		Adenocarcinoma, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_041

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Glomerulonephritis, Nos
Liver		Fibrosis, Septal Liver
	Bile Duct	Hyperplasia, Nos
	Centrilobular	Necrosis, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Body Cavities	Mesothelioma, Malignant
		Metaplasia, Osseous
		Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_042

TRT#: 4

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Lymph node

Pituitary gland

Testis

Thyroid

Medulla

Myocardium Nos

Bile Duct

Bronchus

Hyperplasia, Focal

Inflammation, Interstitial

Glomerulonephritis, Nos

Hyperplasia, Nos

Inflammation, Nos

Hemorrhage

Adenoma, Nos

Interstitial-Cell Tumor

C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_043

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Liver

Spleen

Stomach

Testis

Bile Duct

Glomerulonephritis, Nos

Hyperplasia, Nos

Hyperplasia, Erythroid

Hyperplasia, Hematopoietic

Acanthosis

Hyperkeratosis

Hyperplasia, Interstitial Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_044

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Focal
	Bile Duct	Hyperplasia, Nos
Testis		Interstitial-Cell Tumor
Unspecified		Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_045

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Focal
	Bile Duct	Hyperplasia, Nos
Lung		Alveolar/Bronchiolar Carcinoma
Pancreas	Acinus	Hyperplasia, Focal
		Inflammation, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_046

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Liver

Pancreas

Testis

Bile Duct

Pheochromocytoma

Glomerulonephritis, Nos

Hyperplasia, Focal

Hyperplasia, Nos

Inflammation, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_047

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Spleen

Testis

Glomerulonephritis, Nos

Hyperplasia, Erythroid

Hyperplasia, Hematopoietic

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_048

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Glomerulonephritis, Nos
Liver	Bile Duct	Hyperplasia, Nos
Lung	Bronchus	Inflammation, Nos
Spleen		Hyperplasia, Erythroid
		Hyperplasia, Hematopoietic
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_049

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Kidney		Glomerulonephritis, Nos
Liver	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Nos
Pancreas		Inflammation, Nos
Prostate		Inflammation, Nos
Spleen		Hyperplasia, Erythroid
		Hyperplasia, Hematopoietic
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01989

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

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: 11:37:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_050

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Fibrosis, Diffuse
		Glomerulonephritis, Nos
Liver		Hyperplasia, Focal
	Bile Duct	Hyperplasia, Nos
Stomach		Hyperplasia, Basal Cell
		Inflammation, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****