

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:19

First Dose M/F: NA / NA

Lab: NA

C Number: C55958

Cage Range: All

Date Range: All

Reasons For Removal: All

Removal Date Range: All

Treatment Groups: All

Study Gender: Male

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_051

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
	Cortex Nos	Metamorphosis, Fatty
Eye		Cataract
		Retinopathy
Intestine Large	Cecum, Colon	Pigmentation, Nos
	Colon	Pigmentation, Nos
Intestine Small	Duodenum	Pigmentation, Nos
	Ileum, Ileum	Pigmentation, Nos
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Pancreas	Acinus	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Inflammation, Active Chronic
Prostate		Inflammation, Active Chronic
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Fundal Gland	Dilatation, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
		Periarteritis
Thyroid		Pigmentation, Nos
Unspecified	Leg	Fibroma
	Multiple Organs Nos	Inflammation, Chronic
	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_052

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Metamorphosis, Fatty Pheochromocytoma
Bone		Fibrous Osteodystrophy
Heart		Calcification, Metastatic
Intestine Small	Duodenum	Pigmentation, Nos
Kidney	Tubule	Mineralization Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change Hepatocellular Carcinoma
	Bile Duct	Hyperplasia, Nos
Lung		Histiocytosis
Nasal cavity	Turbinate Nos	Inflammation, Chronic
Pancreas		Acinar-Cell Adenoma
Salivary gland		Inflammation, Chronic
Skin	Back	Squamous Cell Papilloma
Spleen		Pigmentation, Nos
Stomach	Glandular Stomach Forestomach	Mineralization Ulcer, Nos
Thyroid		Cystic Follicles

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_053

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
	Cortex Nos	Metamorphosis, Fatty
Bone		Fibrous Osteodystrophy
Intestine Large	Cecum, Colon	Pigmentation, Nos
	Colon	Pigmentation, Nos
Intestine Small	Duodenum	Pigmentation, Nos
	Ileum, Ileum	Pigmentation, Nos
Kidney	Cortex	Adenoma, Nos
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Cystic
Nasal cavity		Inflammation, Chronic
Parathyroid gland		Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Adenoma, Nos
		Inflammation, Active Chronic
Spleen		Fibrosis
		Hematopoiesis
		Pigmentation, Nos
Stomach	Fundal Gland	Dilatation, Nos
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
Unspecified	Multiple Organs Nos	Calcification, Metastatic

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_054

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Bone		Fibrous Osteodystrophy
Eye	Nasolacrimal Duct	Inflammation, Chronic
Kidney	Pelvis	Hyperplasia, Epithelial
	Tubule	Mineralization
		Nephropathy
Liver	Tubule	Pigmentation, Nos
		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Nasal cavity		Inflammation, Acute/Chronic
Salivary gland		Inflammation, Acute
Spleen		Pigmentation, Nos
Thyroid		Cystic Follicles
Unspecified	Multiple Organs Nos	Calcification, Metastatic

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_055

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Dosing Accident

HISTO:

OBSERVATIONS

Eye

Nasolacrimal Duct

Inflammation, Chronic

Lung

Congestion, Nos

Edema, Nos

Emphysema, Alveolar

Foreign Material, Nos

Hemorrhage

Nasal cavity

Inflammation, Chronic

Spleen

Hematopoiesis

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_056	TRT#: 1 DOSE: 250.0 MG/KG	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Medulla	Pheochromocytoma	
Bone		Fibrous Osteodystrophy	
Heart		Calcification, Metastatic	
Intestine Large	Cecum, Colon	Pigmentation, Nos	
	Colon	Pigmentation, Nos	
Intestine Small	Duodenum	Pigmentation, Nos	
	Ileum, Ileum	Pigmentation, Nos	
Kidney	Tubule	Mineralization	
		Nephropathy	
	Tubule	Pigmentation, Nos	
Liver		Focal Cellular Change	
	Bile Duct	Hyperplasia, Nos	
	Periportal	Inflammation, Chronic	
Nasal cavity		Inflammation, Chronic	
Pancreas	Acinus	Atrophy, Nos	
Parathyroid gland		Hyperplasia, Nos	
Pituitary gland	Anterior Pituitary	Adenoma, Nos	
Prostate		Inflammation, Active Chronic	
Skin		Hyperkeratosis	
Spleen		Hematopoiesis	
		Pigmentation, Nos	
Stomach	Fundal Gland	Dilatation, Nos	
Testis		Atrophy, Nos	
		Hyperplasia, Interstitial Cell	
		Interstitial-Cell Tumor	
	Tubule	Oligospermia	
Urethra		Calculus, Microscopic Examination	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_057

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney	Pelvis	Inflammation, Acute
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Metamorphosis, Fatty
Lung		Congestion, Nos
		Edema, Nos
		Histiocytosis
Nasal cavity		Inflammation, Chronic
Prostate		Inflammation, Active Chronic
Spleen		Pigmentation, Nos
Testis		Hypoplasia, Nos
	Tubule	Metaplasia, Squamous
Thymus		Hemorrhage
Unspecified	Multiple Organs Nos	Inflammation, Chronic
Urinary bladder		Inflammation, Acute

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_058

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
	Cortex Nos	Metamorphosis, Fatty
	Medulla	Pheochromocytoma
Intestine Large	Cecum, Colon	Pigmentation, Nos
Intestine Small	Duodenum	Pigmentation, Nos
	Ileum, Ileum	Pigmentation, Nos
Kidney	Pelvis	Hyperplasia, Epithelial
	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Interstitial Chronic
Mammary gland		Hyperplasia, Cystic
Pancreas	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Prostate		Inflammation, Active Chronic
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Fundal Gland	Dilatation, Nos
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Inflammation, Chronic
	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_059

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
	Cortex Nos	Metamorphosis, Fatty
Esophagus		Inflammation, Acute
		Ulcer, Acute
Intestine Large	Cecum, Colon	Pigmentation, Nos
	Colon	Pigmentation, Nos
	Rectum	Pigmentation, Nos
	Cecum, Colon	Ulcer, Acute
Intestine Small	Duodenum	Pigmentation, Nos
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Lung	Pleura Nos	Inflammation, Active Chronic
Mammary gland		Fibroadenoma
		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
	Acinus	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Fundal Gland	Dilatation, Nos
		Inflammation, Active Chronic
	Forestomach	Ulcer, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
	Tubule	Mineralization
Unspecified	Multiple Organs Nos	Inflammation, Chronic

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_060

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Kidney

Cortex Nos
Tubule

Metamorphosis, Fatty
Mineralization
Nephropathy

Liver
Lung

Tubule

Pigmentation, Nos
Focal Cellular Change
Congestion, Nos
Edema, Nos
Foreign Material, Nos
Hemorrhage

Mammary gland
Nasal cavity
Pituitary gland
Spleen
Unspecified

Anterior Pituitary

Hyperplasia, Cystic
Hemorrhage
Adenoma, Nos
Pigmentation, Nos
Inflammation, Chronic

Multiple Organs Nos

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_061

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Eye	Lacrimal Gland	Atrophy, Nos
Intestine Large	Cecum, Colon	Pigmentation, Nos
	Colon	Pigmentation, Nos
Intestine Small	Duodenum	Pigmentation, Nos
	Ileum, Ileum	Pigmentation, Nos
Kidney	Pelvis	Hyperplasia, Epithelial
	Tubule	Mineralization
		Nephropathy
Liver	Tubule	Pigmentation, Nos
		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Pancreas	Acinus	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Lymphocytic Inflammatory Infiltrate
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Fundal Gland	Dilatation, Nos
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tubule	Mineralization
Unspecified	Multiple Organs Nos	Inflammation, Chronic

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_062

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
Bone		Fibrous Osteodystrophy
Brain		Mineralization
Intestine Large	Cecum, Colon	Pigmentation, Nos
	Colon	Pigmentation, Nos
Intestine Small	Duodenum	Pigmentation, Nos
	Ileum, Ileum	Pigmentation, Nos
Kidney	Pelvis	Hyperplasia, Epithelial
	Pelvis	Inflammation, Acute
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
Lung		Bronchopneumonia, Chronic
Pancreas		Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Prostate		Inflammation, Active Chronic
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Fundal Gland	Dilatation, Nos
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thyroid		Cystic Follicles
		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Inflammation, Chronic

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_063

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Bone		Fibrous Osteodystrophy
Heart	Atrium	Mineralization
Intestine Large	Cecum, Colon	Pigmentation, Nos
	Colon	Pigmentation, Nos
Intestine Small	Duodenum	Pigmentation, Nos
	Ileum, Ileum	Pigmentation, Nos
Kidney	Tubule	Mineralization
		Nephropathy
Liver	Tubule	Pigmentation, Nos
		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
		Metamorphosis, Fatty
Nasal cavity		Inflammation, Active Chronic
Pancreas		Abscess, Nos
	Acinus	Hyperplasia, Nos
Parathyroid gland		Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Skin		Inflammation, Active Chronic
		Ulcer, Acute
Spleen		Fibrosis
		Hematopoiesis
		Pigmentation, Nos
Stomach	Fundal Gland	Dilatation, Nos
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tubule	Mineralization
Thyroid		Cystic Follicles

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_064

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Intestine Large	Cecum, Colon	Pigmentation, Nos
	Colon	Pigmentation, Nos
Intestine Small	Duodenum	Pigmentation, Nos
	Ileum, Ileum	Pigmentation, Nos
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
		Congestion, Nos
Lung		Hemorrhage
Nasal cavity		Hyperplasia, Nos
Pancreas	Acinus	Fibrosis, Focal
Spleen		Hematopoiesis
		Pigmentation, Nos
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tubule	Mineralization
Thyroid		Pigmentation, Nos
Unspecified	Multiple Organs Nos	Inflammation, Chronic

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_065

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Eye
Kidney

Cortex Nos
Nasolacrimal Duct
Tubule

Metamorphosis, Fatty
Inflammation, Active Chronic
Mineralization

Mammary gland
Nasal cavity
Testis

Tubule

Nephropathy
Pigmentation, Nos
Hyperplasia, Cystic
Inflammation, Acute

Tubule

Degeneration, Nos
Hyperplasia, Interstitial Cell
Interstitial-Cell Tumor

Unspecified

Tubule

Mineralization
Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_066

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Blood vessel	Pulmonary Vein Nos	Mineralization
Eye	Nasolacrimal Duct	Inflammation, Active Chronic
Intestine Large	Cecum, Colon	Pigmentation, Nos
	Colon	Pigmentation, Nos
Intestine Small	Duodenum	Pigmentation, Nos
	Ileum, Ileum	Pigmentation, Nos
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Metamorphosis, Fatty
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Inflammation, Chronic
Seminal vesicle		Inflammation, Active Chronic
Spleen		Pigmentation, Nos
Stomach	Fundal Gland	Dilatation, Nos
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tubule	Mineralization
Thyroid		Pigmentation, Nos

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_067

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Hyperplasia, Nos Hyperplasia, Nos
Intestine Large	Cortex Nos Cecum, Colon Colon	Metamorphosis, Fatty Pigmentation, Nos Pigmentation, Nos
Intestine Small	Duodenum Ileum, Ileum	Pigmentation, Nos Pigmentation, Nos
Kidney	Pelvis Tubule Tubule	Hyperplasia, Epithelial Mineralization Nephropathy Pigmentation, Nos
Liver		Focal Cellular Change
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Prostate		Inflammation, Active Chronic
Salivary gland		Neurilemoma, Malignant
Skeletal muscle		Neurilemoma, Metastatic
Spleen		Pigmentation, Nos
Stomach	Fundal Gland	Dilatation, Nos
Testis		Atrophy, Nos Hyperplasia, Interstitial Cell
Unspecified	Multiple Organs Nos	Interstitial-Cell Tumor Inflammation, Chronic

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_068

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Metamorphosis, Fatty Pheochromocytoma
Bone	Femur	Fibrous Osteodystrophy
Heart		Calcification, Metastatic
Intestine Large	Cecum, Colon Colon	Pigmentation, Nos Pigmentation, Nos
Intestine Small	Cecum, Colon Duodenum	Ulcer, Nos Pigmentation, Nos
Kidney	Ileum, Ileum Pelvis Tubule	Pigmentation, Nos Hyperplasia, Epithelial Hyperplasia, Tubular Cell Mineralization Nephropathy
Liver	Tubule Bile Duct	Pigmentation, Nos Focal Cellular Change Hyperplasia, Nos
Mammary gland		Hyperplasia, Cystic
Parathyroid gland		Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hematopoiesis Pigmentation, Nos
Stomach	Fundal Gland Glandular Stomach	Dilatation, Nos Mineralization
Testis		Atrophy, Nos Hyperplasia, Interstitial Cell Interstitial-Cell Tumor
Thyroid	Tubule	Oligospermia Cystic Follicles Pigmentation, Nos
Unspecified	Hip Multiple Organs Nos	Fibroma Inflammation, Chronic

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_068

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_069

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Intestine Large	Cecum, Colon	Inflammation, Acute
	Cecum, Colon	Pigmentation, Nos
	Colon	Pigmentation, Nos
	Rectum	Pigmentation, Nos
Intestine Small	Duodenum	Pigmentation, Nos
	Ileum, Ileum	Pigmentation, Nos
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Hematopoiesis
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Pancreas	Acinus	Hyperplasia, Nos
Salivary gland		Atrophy, Nos
Spleen		Hematopoiesis
Stomach	Fundal Gland	Dilatation, Nos
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Inflammation, Chronic
	Multiple Organs Nos	Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_070

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Cortex Nos Medulla	Hyperplasia, Nos Metamorphosis, Fatty Pheochromocytoma
Bone		Fibrous Osteodystrophy
Intestine Large	Cecum, Colon Colon	Pigmentation, Nos Pigmentation, Nos
Intestine Small	Mesentery Nos Duodenum Ileum, Ileum	Periarteritis Pigmentation, Nos Pigmentation, Nos
Kidney	Tubule Tubule	Mineralization Nephropathy Pigmentation, Nos
Liver	Bile Duct	Focal Cellular Change Hyperplasia, Nos
Lung		Histiocytosis
Mammary gland		Hyperplasia, Cystic
Nasal cavity		Hemorrhage Inflammation, Chronic
Pancreas		Atrophy, Nos
Parathyroid gland		Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Prostate		Inflammation, Active Chronic
Salivary gland		Inflammation, Chronic
Spleen		Hematopoiesis
Stomach	Fundal Gland Forestomach	Dilatation, Nos Inflammation, Active Chronic Ulcer, Acute
Testis		Atrophy, Nos Hyperplasia, Interstitial Cell Interstitial-Cell Tumor
	Tubule	Mineralization

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_070

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Thyroid

C-Cell Adenoma

Cyst, Embryonal Duct

Hyperplasia, C Cell

Unspecified

Multiple Organs Nos

Pigmentation, Nos

Pelvis

Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_071

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
	Medulla	Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Mineralization
Bone	Femur	Fibrous Osteodystrophy
Brain	Meninges	Hemorrhage
Eye	Nasolacrimal Duct	Inflammation, Chronic
Heart		Calcification, Metastatic
Intestine Large	Cecum, Colon	Pigmentation, Nos
Intestine Small	Duodenum	Pigmentation, Nos
	Ileum, Ileum	Pigmentation, Nos
Kidney	Pelvis	Hyperplasia, Epithelial
	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Abscess, Nos
		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Cystic
Nasal cavity		Inflammation, Acute
Pancreas	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Inflammation, Active Chronic
Salivary gland		Atrophy, Nos
		Inflammation, Chronic
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Fundal Gland	Dilatation, Nos
	Forestomach	Inflammation, Active Chronic
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_071

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Tubule

Mineralization

Thyroid

Follicular-Cell Adenoma

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_072

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Cytoplasmic Vacuolization Pheochromocytoma
Brain		Hemorrhage
Eye	Nasolacrimal Duct	Inflammation, Active Chronic
Intestine Large	Cecum, Colon Colon	Pigmentation, Nos Pigmentation, Nos
Intestine Small	Duodenum Ileum, Ileum	Pigmentation, Nos Pigmentation, Nos
Kidney	Tubule Tubule	Mineralization Nephropathy Pigmentation, Nos
Liver		Necrosis, Coagulative
Lung		Hemorrhage
Mammary gland		Hyperplasia, Cystic
Nasal cavity		Inflammation, Acute/Chronic
Pancreas	Acinus	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Inflammation, Chronic
Spleen		Hematopoiesis Pigmentation, Nos
Stomach	Fundal Gland	Dilatation, Nos
Testis		Atrophy, Nos Hyperplasia, Interstitial Cell Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_073

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
	Cortex Nos	Metamorphosis, Fatty
	Medulla	Pheochromocytoma
Intestine Large	Cecum, Colon	Pigmentation, Nos
	Colon	Pigmentation, Nos
Intestine Small	Duodenum	Pigmentation, Nos
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Lung		Histiocytosis
Mammary gland		Hyperplasia, Cystic
Nasal cavity		Hemorrhage
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Fundal Gland	Dilatation, Nos
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tubule	Mineralization
	Scrotum Nos	Steatitis
Thyroid		Cystic Follicles
		Hyperplasia, C Cell
		Pigmentation, Nos
Unspecified	Multiple Organs Nos	Inflammation, Chronic
Zymbal gland		Squamous Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_074

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Bone		Fibrous Osteodystrophy
Intestine Large	Cecum, Colon	Pigmentation, Nos
	Colon	Pigmentation, Nos
Intestine Small	Duodenum	Pigmentation, Nos
	Ileum, Ileum	Pigmentation, Nos
	Duodenum	Ulcer, Nos
Kidney	Cortex	Adenoma, Nos
	Pelvis	Hyperplasia, Epithelial
		Hyperplasia, Tubular Cell
		Nephropathy
Liver	Tubule	Pigmentation, Nos
		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Lung		Bronchopneumonia, Acute
		Congestion, Nos
		Emphysema, Alveolar
Preputial gland		Inflammation, Chronic
Spleen		Pigmentation, Nos
Stomach	Fundal Gland	Dilatation, Nos
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thymus		Cyst, Embryonal Duct
Thyroid		C-Cell Adenoma
Unspecified	Multiple Organs Nos	Calcification, Metastatic
	Multiple Organs Nos	Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_075

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Metamorphosis, Fatty Pheochromocytoma, Malignant
Bone		Fibrous Osteodystrophy
Eye	Nasolacrimal Duct	Inflammation, Active Chronic
Intestine Large	Cecum, Colon Colon	Pigmentation, Nos Pigmentation, Nos
Intestine Small	Duodenum Ileum, Ileum	Pigmentation, Nos Pigmentation, Nos
Kidney	Pelvis Tubule Tubule	Hyperplasia, Epithelial Mineralization Nephropathy Pigmentation, Nos
Liver	Bile Duct	Focal Cellular Change Hyperplasia, Nos
Lung		Histiocytosis Pneumonia, Interstitial Chronic
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Acinar-Cell Adenoma Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Atrophy, Nos Hematopoiesis Pigmentation, Nos
Testis		Atrophy, Nos Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos Multiple Organs Nos	Calcification, Metastatic Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_076

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Bone		Fibrous Osteodystrophy
Intestine Large	Cecum, Colon	Hyperplasia, Epithelial
	Cecum, Colon	Inflammation, Active Chronic
	Colon	Pigmentation, Nos
	Rectum	Pigmentation, Nos
	Cecum, Colon	Polyp, Inflammatory
Intestine Small	Duodenum	Pigmentation, Nos
	Ileum, Ileum	Pigmentation, Nos
Kidney	Pelvis	Hyperplasia, Epithelial
	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
		Necrosis, Nos
		Neoplastic Nodule
Lung		Histiocytosis
Lymph node	Mesenteric Lymph Node	Inflammation, Acute
Penis		Hyperkeratosis
Prostate		Inflammation, Active Chronic
Spleen		Hematopoiesis
		Hyperplasia, Lymphoid
Testis		Pigmentation, Nos
		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tubule	Mineralization
Unspecified	Multiple Organs Nos	Atrophy, Nos
	Multiple Organs Nos	Hyperplasia, Nos
	Multiple Organs Nos	Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_077

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Metamorphosis, Fatty Pheochromocytoma
Bone		Fibrous Osteodystrophy
Eye	Nasolacrimal Duct	Inflammation, Acute
Intestine Large	Cecum, Colon Colon	Pigmentation, Nos Pigmentation, Nos
Intestine Small	Duodenum Ileum, Ileum	Pigmentation, Nos Pigmentation, Nos
Kidney	Pelvis Tubule Tubule	Hyperplasia, Epithelial Mineralization Nephropathy Pigmentation, Nos
Liver	Bile Duct	Focal Cellular Change Hyperplasia, Nos
Lung		Hemorrhage
Mammary gland		Fibroadenoma
Pancreas		Focal Cellular Change
Preputial gland		Hyperplasia, Nos
Prostate		Inflammation, Active Chronic
Spleen		Inflammation, Active Chronic Hematopoiesis Pigmentation, Nos
Stomach	Fundal Gland Forestomach	Dilatation, Nos Inflammation, Active Chronic
Testis		Atrophy, Nos Interstitial-Cell Tumor
Thyroid	Tubule	Mineralization
Unspecified	Multiple Organs Nos	Pigmentation, Nos Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_078

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
	Medulla	Pheochromocytoma
Bone		Fibrous Osteodystrophy
Intestine Small	Duodenum	Pigmentation, Nos
Kidney	Pelvis	Hyperplasia, Epithelial
	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
		Hemorrhage
Lung		Hyperplasia, Cystic
Mammary gland		Hyperplasia, Nos
Pancreas	Acinus	Islet-Cell Adenoma
	Islets	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Hematopoiesis
Spleen		Pigmentation, Nos
		Atrophy, Nos
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tubule	Mineralization
Thyroid		Cystic Follicles
Unspecified	Multiple Organs Nos	Calcification, Metastatic
	Multiple Organs Nos	Inflammation, Active Chronic
	Multiple Organs Nos	Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_079

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Metamorphosis, Fatty Pheochromocytoma
Bone		Fibrous Osteodystrophy
Intestine Large	Cecum, Colon Colon	Pigmentation, Nos Pigmentation, Nos
Intestine Small	Duodenum Ileum, Ileum Mesentery Nos	Pigmentation, Nos Pigmentation, Nos Steatitis
Kidney	Pelvis Tubule Tubule	Inflammation, Acute Mineralization Nephropathy Pigmentation, Nos Focal Cellular Change
Liver	Bile Duct	Hyperplasia, Nos Hyperplasia, Cystic
Mammary gland		Atrophy, Nos
Pancreas	Acinus	Hyperplasia, Nos
Parathyroid gland		Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Hyperplasia, Nos
Salivary gland		Inflammation, Acute
Spleen		Hematopoiesis Pigmentation, Nos
Stomach	Fundal Gland	Dilatation, Nos
Testis		Atrophy, Nos Hyperplasia, Interstitial Cell Interstitial-Cell Tumor
Thyroid	Tubule	Mineralization Cystic Follicles Hemorrhage
Unspecified	Multiple Organs Nos Multiple Organs Nos	Calcification, Metastatic Inflammation, Chronic

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_079

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_080

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Dosing Accident

HISTO:

OBSERVATIONS

Eye	Nasolacrimal Duct	Inflammation, Chronic
Kidney		Congestion, Nos
Lung		Congestion, Nos
		Foreign Material, Nos
		Hemorrhage
Nasal cavity		Inflammation, Chronic
Spleen		Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_081

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Intestine Large	Cecum, Colon	Pigmentation, Nos
Intestine Small	Duodenum	Pigmentation, Nos
	Ileum, Ileum	Pigmentation, Nos
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Lung		Cholesterol Deposit
		Hemorrhage
		Pneumonia, Interstitial Chronic
Mammary gland		Hyperplasia, Cystic
Preputial gland		Inflammation, Active Chronic
Prostate		Inflammation, Active Chronic
Spleen		Pigmentation, Nos
Stomach	Fundal Gland	Dilatation, Nos
	Forestomach	Ulcer, Nos
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thyroid	Tubule	Mineralization
		Cystic Follicles
		Pigmentation, Nos
Unspecified	Multiple Organs Nos	Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_082

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Blood vessel	Pulmonary Vein Nos	Mineralization
Esophagus		Inflammation, Acute
Eye	Nasolacrimal Duct	Inflammation, Chronic
Intestine Large	Colon	Pigmentation, Nos
Intestine Small	Duodenum	Pigmentation, Nos
Kidney	Pelvis	Inflammation, Acute
	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Pancreas	Acinus	Atrophy, Nos
Preputial gland		Inflammation, Chronic
Prostate		Inflammation, Active Chronic
Spleen		Hematopoiesis
		Pigmentation, Nos
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thyroid		Cystic Follicles

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_083

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Metamorphosis, Fatty Pheochromocytoma
Bone		Fibrous Osteodystrophy
Eye	Nasolacrimal Duct	Hemorrhage
Heart		Calcification, Metastatic
Intestine Large	Cecum, Colon Colon	Pigmentation, Nos Pigmentation, Nos
Intestine Small	Cecum, Colon Duodenum Duodenum	Ulcer, Acute Erosion Pigmentation, Nos
Kidney	Tubule	Hyperplasia, Tubular Cell Mineralization Nephropathy
Liver	Tubule	Pigmentation, Nos Cytoplasmic Vacuolization
Parathyroid gland	Bile Duct	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos Adenoma, Nos
Spleen		Pigmentation, Nos
Stomach	Glandular Stomach Forestomach Forestomach	Erosion Inflammation, Active Chronic Ulcer, Nos
Testis		Atrophy, Nos Hyperplasia, Interstitial Cell Interstitial-Cell Tumor
Thyroid	Tubule	Mineralization
Unspecified	Multiple Organs Nos	Cystic Follicles Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Amino-4-nitrophenol
CAS Number: 99-57-0

Date Report Requested: 10/26/2014
Time Report Requested: 09:51:20
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_084

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Dosing Accident

HISTO:

OBSERVATIONS

Kidney		Congestion, Nos Nephropathy
	Tubule	Pigmentation, Nos Focal Cellular Change
Liver		Congestion, Nos
Lung		Edema, Nos Foreign Material, Nos Hemorrhage
Pancreas		Hemorrhage
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Spleen		Hematopoiesis Pigmentation, Nos
Unspecified	Multiple Organs Nos	Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_085	TRT#: 1 DOSE: 250.0 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Cortex Nos Medulla	Metamorphosis, Fatty Pheochromocytoma, Malignant	
Bone		Fibrous Osteodystrophy	
Heart		Calcification, Metastatic	
Intestine Large	Cecum, Colon Cecum, Colon Cecum, Colon Colon	Erosion Hemorrhage Pigmentation, Nos Pigmentation, Nos	
Intestine Small	Duodenum	Pigmentation, Nos	
Kidney	Tubule Tubule	Mineralization Nephropathy Pigmentation, Nos	
Liver	Bile Duct	Focal Cellular Change Hyperplasia, Nos	
Mammary gland		Hyperplasia, Cystic	
Nasal cavity		Hemorrhage	
Pancreas	Acinus	Hyperplasia, Nos	
Parathyroid gland		Hyperplasia, Nos	
Pituitary gland	Anterior Pituitary Anterior Pituitary Anterior Pituitary	Adenoma, Nos Cyst, Nos Hyperplasia, Nos	
Prostate		Inflammation, Active Chronic	
Spleen		Hematopoiesis Pigmentation, Nos	
Stomach	Glandular Stomach Fundal Gland	Calcification, Metastatic Dilatation, Nos	
Testis		Hyperplasia, Interstitial Cell Periarteritis	
Thyroid		C-Cell Adenoma Cystic Follicles	
Unspecified	Multiple Organs Nos	Inflammation, Chronic	

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_085

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_086

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
	Cortex Nos	Metamorphosis, Fatty
	Medulla	Pheochromocytoma
Brain	Meninges	Hemorrhage
Intestine Large	Cecum, Colon	Pigmentation, Nos
	Colon	Pigmentation, Nos
Intestine Small	Duodenum	Pigmentation, Nos
	Ileum, Ileum	Pigmentation, Nos
Kidney	Pelvis	Hyperplasia, Epithelial
	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
Lung		Histiocytosis
		Pneumonia, Interstitial Chronic
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Prostate		Inflammation, Active Chronic
Spleen		Hematopoiesis
		Pigmentation, Nos
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
		Periarteritis
Thyroid		C-Cell Adenoma
Unspecified	Multiple Organs Nos	Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_087

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla Cortex Nos Medulla	Hyperplasia, Nos Hyperplasia, Nos Metamorphosis, Fatty Pheochromocytoma
Bone		Fibrous Osteodystrophy
Intestine Large	Cecum, Colon	Pigmentation, Nos
Intestine Small	Duodenum Ileum, Ileum	Pigmentation, Nos Pigmentation, Nos
Kidney	Tubule Tubule	Mineralization Nephropathy Pigmentation, Nos
Liver	Bile Duct	Focal Cellular Change Hyperplasia, Nos Neoplastic Nodule Hyperplasia, Cystic
Mammary gland		Atrophy, Nos
Pancreas	Acinus	Inflammation, Active Chronic Pigmentation, Nos
Prostate		Erosion
Spleen	Glandular Stomach	Atrophy, Nos Hyperplasia, Interstitial Cell Interstitial-Cell Tumor
Stomach		Steatitis
Testis	Scrotum Nos	Cystic Follicles
Thyroid	Hip	Fibroma
Unspecified	Multiple Organs Nos Multiple Organs Nos	Inflammation, Chronic Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_088

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Eye	Nasolacrimal Duct	Hemorrhage
	Nasolacrimal Duct	Inflammation, Active Chronic
Kidney		Hemorrhage
Liver	Centrilobular	Congestion, Nos
Lung		Bronchopneumonia, Acute
		Edema, Nos
Nasal cavity		Emphysema, Alveolar
Spleen		Inflammation, Chronic
Testis	Tunica Albuginea	Pigmentation, Nos
		Mineralization

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_089

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Brain	Meninges	Compression, Nos Hemorrhage Hemorrhage
Kidney	Tubule	Mineralization Nephropathy
Lung	Tubule	Pigmentation, Nos Congestion, Nos Edema, Nos
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Prostate		Inflammation, Active Chronic
Spleen		Pigmentation, Nos
Unspecified	Multiple Organs Nos	Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_090

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
Bone		Fibrous Osteodystrophy
Intestine Small	Duodenum	Pigmentation, Nos
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Pancreas	Acinus	Atrophy, Nos
Parathyroid gland		Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Fundal Gland	Dilatation, Nos
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
Thyroid		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Cystic Follicles
		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_091

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
	Cortex Nos	Metamorphosis, Fatty
	Medulla	Pheochromocytoma
Bone		Fibrous Osteodystrophy
Eye	Nasolacrimal Duct	Inflammation, Active Chronic
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Lung		Congestion, Nos
		Edema, Nos
		Histiocytosis
		Pneumonia, Interstitial Chronic
Pituitary gland	Anterior Pituitary	Cyst, Nos
	Anterior Pituitary	Hyperplasia, Nos
Spleen	Capsule	Fibrosis
		Pigmentation, Nos
Stomach	Forestomach	Inflammation, Active Chronic
	Forestomach	Ulcer, Acute
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Calcification, Metastatic
Urinary bladder		Calculus, Microscopic Examination

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_092

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Dosing Accident

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Intestine Large	Cecum, Colon	Pigmentation, Nos
	Colon	Pigmentation, Nos
Intestine Small	Duodenum	Pigmentation, Nos
	Ileum, Ileum	Pigmentation, Nos
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Lung		Congestion, Nos
		Edema, Nos
		Emphysema, Alveolar
		Foreign Material, Nos
		Hemorrhage
Mammary gland		Hyperplasia, Cystic
Preputial gland		Inflammation, Chronic
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Fundal Gland	Dilatation, Nos
Testis		Hyperplasia, Interstitial Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_093

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Dosing Accident

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Blood vessel	Pulmonary Vein Nos	Mineralization
Intestine Large	Cecum, Colon	Pigmentation, Nos
	Colon	Pigmentation, Nos
Intestine Small	Duodenum	Pigmentation, Nos
	Ileum, Ileum	Pigmentation, Nos
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver	Centrilobular	Cytoplasmic Vacuolization
Lung		Edema, Nos
		Emphysema, Alveolar
		Foreign Material, Nos
		Hemorrhage
Mammary gland		Hyperplasia, Cystic
Prostate		Inflammation, Active Chronic
Spleen		Hematopoiesis
		Pigmentation, Nos
Thyroid		Cystic Follicles
Unspecified	Multiple Organs Nos	Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_094

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla Cortex Nos	Hyperplasia, Nos Hyperplasia, Nos Metamorphosis, Fatty
Bone		Fibrous Osteodystrophy
Eye	Nasolacrimal Duct Nasolacrimal Duct	Hemorrhage Inflammation, Chronic
Intestine Large	Cecum, Colon Colon	Pigmentation, Nos Pigmentation, Nos
Intestine Small	Duodenum Ileum, Ileum	Pigmentation, Nos Pigmentation, Nos
Kidney	Cortex Pelvis Pelvis Tubule	Adenoma, Nos Hyperplasia, Epithelial Hyperplasia, Tubular Cell Inflammation, Acute Mineralization Nephropathy
Liver	Tubule Bile Duct	Pigmentation, Nos Focal Cellular Change Hyperplasia, Nos Necrosis, Coagulative
Lung		Cholesterol Deposit Histiocytosis Pneumonia, Interstitial Chronic
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Prostate		Inflammation, Active Chronic
Spleen		Hematopoiesis Pigmentation, Nos
Stomach	Fundal Gland	Dilatation, Nos
Testis	Tubule	Hyperplasia, Interstitial Cell Mineralization

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_094

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Thyroid

Hyperplasia, C Cell

Unspecified

Multiple Organs Nos

Calcification, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_095

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
	Cortex Nos	Metamorphosis, Fatty
Intestine Small	Ileum, Ileum	Pigmentation, Nos
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Carcinoma, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Fundal Gland	Dilatation, Nos
Testis		Hyperplasia, Interstitial Cell
Unspecified	Multiple Organs Nos	Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_096

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Blood vessel	Vena Cava Nos	Mineralization
Brain	Meninges	Hemorrhage
Intestine Large	Cecum, Colon	Pigmentation, Nos
Intestine Small	Duodenum	Pigmentation, Nos
	Ileum, Ileum	Pigmentation, Nos
Kidney		Hyperplasia, Tubular Cell
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
Lung		Congestion, Nos
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Seminal vesicle		Inflammation, Active Chronic
Spleen		Hematopoiesis
		Pigmentation, Nos
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Inflammation, Chronic
Urethra		Calculus, Microscopic Examination

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_097

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Bone		Fibrous Osteodystrophy
Intestine Large	Cecum, Colon	Pigmentation, Nos
	Colon	Pigmentation, Nos
Intestine Small	Duodenum	Pigmentation, Nos
	Ileum, Ileum	Pigmentation, Nos
Kidney	Pelvis	Hyperplasia, Epithelial
	Tubule	Mineralization
		Nephropathy
Liver	Tubule	Pigmentation, Nos
		Focal Cellular Change
Mammary gland	Bile Duct	Hyperplasia, Nos
Preputial gland		Hyperplasia, Cystic
Spleen		Inflammation, Active Chronic
Stomach		Pigmentation, Nos
Testis	Fundal Gland	Dilatation, Nos
		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tubule	Mineralization
Unspecified	Multiple Organs Nos	Calcification, Metastatic
	Multiple Organs Nos	Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_098

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Intestine Large	Cecum, Colon	Pigmentation, Nos
	Colon	Pigmentation, Nos
Intestine Small	Duodenum	Pigmentation, Nos
	Ileum, Ileum	Pigmentation, Nos
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Lung		Histiocytosis
		Pneumonia, Interstitial Chronic
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
	Acinus	Hyperplasia, Nos
Preputial gland		Adenoma, Nos
Seminal vesicle		Atrophy, Nos
Skin	Axilla	Keratoacanthoma
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Fundal Gland	Dilatation, Nos
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thyroid		Cyst, Embryonal Duct
		Cystic Follicles
Unspecified	Multiple Organs Nos	Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_099

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
	Cortex Nos	Metamorphosis, Fatty
	Medulla	Pheochromocytoma
Bone		Fibrous Osteodystrophy
Heart		Calcification, Metastatic
Intestine Small	Duodenum	Erosion
	Duodenum	Pigmentation, Nos
Kidney	Pelvis	Hyperplasia, Epithelial
	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
Lung		Hemorrhage
Mammary gland		Hyperplasia, Cystic
Pancreas		Acinar-Cell Carcinoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Inflammation, Active Chronic
Seminal vesicle		Atrophy, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Fundal Gland	Dilatation, Nos
	Forestomach	Ulcer, Nos
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tubule	Mineralization
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_100

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
	Cortex Nos	Metamorphosis, Fatty
	Medulla	Pheochromocytoma
Bone		Fibrous Osteodystrophy
Heart		Calcification, Metastatic
Intestine Large	Colon	Carcinoma, Nos
Intestine Small	Duodenum	Pigmentation, Nos
	Ileum, Ileum	Pigmentation, Nos
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Cystic
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Fundal Gland	Dilatation, Nos
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tubule	Mineralization
Unspecified	Multiple Organs Nos	Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_001

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 125.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
	Medulla	Pheochromocytoma
Eye	Nasolacrimal Duct	Inflammation, Chronic
Intestine Small	Duodenum	Pigmentation, Nos
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Lung		Bronchopneumonia, Chronic
		Histiocytosis
Pancreas	Acinus	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Inflammation, Chronic
Prostate		Inflammation, Active Chronic
Skin		Keratoacanthoma
Spleen		Fibrosis
		Hematopoiesis
		Pigmentation, Nos
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_002

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 125.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
	Cortex Nos	Metamorphosis, Fatty
Intestine Small	Duodenum	Pigmentation, Nos
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Hyperplasia, Nos
Preputial gland		Adenoma, Nos
Prostate		Inflammation, Chronic
Spleen		Hematopoiesis
		Hyperplasia, Lymphoid
Stomach	Fundal Gland	Dilatation, Nos
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tubule	Mineralization
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_003

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 125.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Eye	Nasolacrimal Duct	Inflammation, Chronic
Intestine Small	Duodenum	Pigmentation, Nos
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Angiectasis
		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Lymph node	Mandibular Lymph Node	Plasmacytosis
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Adenoma, Nos
		Inflammation, Active Chronic
Spleen		Hematopoiesis
Stomach	Fundal Gland	Dilatation, Nos
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thyroid		C-Cell Carcinoma
		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_004

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 125.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Eye	Nasolacrimal Duct	Hemorrhage
	Nasolacrimal Duct	Inflammation, Chronic
Intestine Small	Duodenum	Pigmentation, Nos
Kidney	Cortex	Cyst, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Lung		Congestion, Nos
Nasal cavity		Hemorrhage
Pancreas		Acinar-Cell Adenoma
	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Cyst, Multiple
	Anterior Pituitary	Hyperplasia, Nos
Prostate		Inflammation, Active Chronic
Spleen		Hematopoiesis
		Pigmentation, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Urethra		Calculus, Microscopic Examination

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_006

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 125.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Metamorphosis, Fatty Pheochromocytoma
Bone		Fibrous Osteodystrophy
Intestine Small	Duodenum Duodenum	Pigmentation, Nos Ulcer, Acute
Kidney		Nephropathy
Liver	Tubule	Pigmentation, Nos Focal Cellular Change
	Bile Duct	Hyperplasia, Nos Metamorphosis, Fatty
Lung		Congestion, Nos
Mammary gland		Hyperplasia, Cystic
Nasal cavity		Inflammation, Active Chronic
Pituitary gland	Anterior Pituitary Anterior Pituitary	Adenoma, Nos Hyperplasia, Nos
Skin		Cyst, Epidermal Inclusion
Spleen		Fibrosis Hematopoiesis
		Pigmentation, Nos
Stomach	Fundal Gland Forestomach	Dilatation, Nos Ulcer, Chronic
Testis		Atrophy, Nos Hyperplasia, Interstitial Cell Hypoplasia, Nos Interstitial-Cell Tumor
	Tubule	Mineralization
Thyroid		Cystic Follicles
Unspecified	Multiple Organs Nos Multiple Organs Nos	Calcification, Metastatic Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_007

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 125.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
Eye	Nasolacrimal Duct	Inflammation, Chronic
Intestine Small	Duodenum	Pigmentation, Nos
Kidney	Pelvis	Hyperplasia, Epithelial
	Tubule	Mineralization
		Nephropathy
Liver	Tubule	Pigmentation, Nos
		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Adenoma, Nos
		Inflammation, Active Chronic
Prostate		Inflammation, Active Chronic
Spleen		Hematopoiesis
		Pigmentation, Nos
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Urethra		Calculus, Microscopic Examination

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_008

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 125.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Eye	Nasolacrimal Duct	Inflammation, Chronic
Intestine Large	Colon	Pigmentation, Nos
Intestine Small	Duodenum	Pigmentation, Nos
Kidney	Pelvis	Hyperplasia, Epithelial
	Tubule	Mineralization
		Nephropathy
Liver	Tubule	Pigmentation, Nos
		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Pancreas	Periportal	Inflammation, Chronic
	Acinus	Atrophy, Nos
	Acinus	Hyperplasia, Nos
Preputial gland		Inflammation, Chronic
Seminal vesicle		Atrophy, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Fundal Gland	Dilatation, Nos
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_009

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 125.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Intestine Small	Duodenum	Pigmentation, Nos
Kidney	Pelvis	Hyperplasia, Epithelial
	Tubule	Mineralization
		Nephropathy
Liver	Tubule	Pigmentation, Nos
		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Lung		Histiocytosis
Pancreas	Acinus	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
Preputial gland		Cystic Ducts
		Inflammation, Active Chronic
Skin	Back	Squamous Cell Carcinoma
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Fundal Gland	Dilatation, Nos
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Unspecified	Axilla	Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_010

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 125.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
	Cortex Nos	Metamorphosis, Fatty
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
		Hyperplasia, Nos
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Inflammation, Chronic
Salivary gland		Atrophy, Nos
Skin	Tail	Hyperkeratosis
Spleen		Hematopoiesis
Stomach	Fundal Gland	Dilatation, Nos
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tubule	Mineralization
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_011

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 125.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
	Medulla	Hyperplasia, Nos
	Medulla	Pheochromocytoma
Intestine Large	Colon	Pigmentation, Nos
Intestine Small	Duodenum	Pigmentation, Nos
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Inflammation, Chronic
Salivary gland		Atrophy, Nos
Spleen		Pigmentation, Nos
Stomach	Fundal Gland	Dilatation, Nos
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tubule	Mineralization
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_012

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 125.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Heart	Atrium	Thrombosis, Nos
Intestine Small	Duodenum	Pigmentation, Nos
Kidney	Pelvis	Hyperplasia, Epithelial
	Tubule	Mineralization
		Nephropathy
Liver	Tubule	Pigmentation, Nos
		Focal Cellular Change
Pancreas	Bile Duct	Hyperplasia, Nos
Preputial gland	Acinus	Hyperplasia, Nos
		Carcinoma, Nos
		Cystic Ducts
Salivary gland		Atrophy, Nos
Stomach	Fundal Gland	Dilatation, Nos
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tubule	Mineralization
Thyroid		C-Cell Adenoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_013

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 125.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Eye	Nasolacrimal Duct	Inflammation, Chronic
Intestine Small	Duodenum	Pigmentation, Nos
Kidney	Pelvis	Hyperplasia, Epithelial
	Tubule	Mineralization
		Nephropathy
Liver	Tubule	Pigmentation, Nos
Pancreas		Focal Cellular Change
Preputial gland	Acinus	Atrophy, Nos
Seminal vesicle		Inflammation, Chronic
Spleen		Atrophy, Nos
		Atrophy, Nos
		Hematopoiesis
		Pigmentation, Nos
Stomach	Fundal Gland	Dilatation, Nos
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tubule	Mineralization

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_014

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 125.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Kidney		Congestion, Nos
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Lung		Congestion, Nos
		Edema, Nos
		Hemorrhage
Nasal cavity		Inflammation, Chronic
Spleen		Hematopoiesis
Stomach	Fundal Gland	Dilatation, Nos
	Glandular Stomach	Inflammation, Chronic
Urethra		Calculus, Microscopic Examination

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_015

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 125.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
	Medulla	Pheochromocytoma
Eye	Nasolacrimal Duct	Inflammation, Active Chronic
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
		Metamorphosis, Fatty
Mammary gland		Hyperplasia, Cystic
Nasal cavity		Foreign Body, Nos
		Inflammation, Acute
Pancreas		Atrophy, Nos
		Inflammation, Chronic
Preputial gland		Adenoma, Nos
		Inflammation, Active Chronic
Prostate		Inflammation, Active Chronic
Salivary gland		Atrophy, Nos
		Inflammation, Chronic
Seminal vesicle		Inflammation, Suppurative
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Fundal Gland	Dilatation, Nos
	Forestomach	Inflammation, Chronic
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tubule	Mineralization
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_016

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 125.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
	Cortex Nos	Metamorphosis, Fatty
Eye	Nasolacrimal Duct	Inflammation, Chronic
Intestine Large	Cecum, Colon	Angiectasis
	Colon	Pigmentation, Nos
Intestine Small	Duodenum	Pigmentation, Nos
Kidney	Cortex	Cyst, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Lung		Hyperplasia, Alveolar Epithelium
		Pneumonia, Interstitial Chronic
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Inflammation, Chronic
Prostate		Inflammation, Active Chronic
Seminal vesicle		Atrophy, Nos
Spleen		Pigmentation, Nos
Stomach	Fundal Gland	Dilatation, Nos
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tubule	Mineralization
	Scrotum Nos	Steatitis
Thyroid		Cystic Follicles

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_017

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 125.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Eye	Nasolacrimal Duct	Inflammation, Chronic
Intestine Large	Colon	Pigmentation, Nos
Intestine Small	Duodenum	Pigmentation, Nos
Kidney	Cortex	Cyst, Nos
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Mammary gland		Hyperplasia, Cystic
Nasal cavity		Inflammation, Chronic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Carcinoma, Nos
		Inflammation, Active Chronic
Prostate		Inflammation, Active Chronic
Skin	Lip Nos	Squamous Cell Papilloma
	Groin	Ulcer, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Fundal Gland	Dilatation, Nos
Testis		Hyperplasia, Interstitial Cell
Thyroid		C-Cell Adenoma
		Hyperplasia, C Cell
Unspecified	Groin	Hematoma, Nos
	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_018

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 125.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Lymphoid
	Cortex Nos	Metamorphosis, Fatty
Eye		Cataract
		Hemorrhage
	Nasolacrimal Duct	Inflammation, Chronic
	Sclera	Mineralization
		Retinopathy
Intestine Small	Duodenum	Pigmentation, Nos
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Nasal cavity		Inflammation, Chronic
Pancreas	Acinus	Atrophy, Nos
	Acinus	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Inflammation, Chronic
Salivary gland		Atrophy, Nos
Seminal vesicle		Atrophy, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Fundal Gland	Dilatation, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
	Tubule	Mineralization
Thyroid		Hyperplasia, C Cell
Unspecified	Axilla	Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_019

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 125.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Brain		Compression, Nos Hemorrhage
Eye	Nasolacrimal Duct	Inflammation, Chronic
Kidney	Tubule	Mineralization Nephropathy
	Tubule	Pigmentation, Nos
Liver	Bile Duct	Focal Cellular Change Hyperplasia, Nos Metamorphosis, Fatty
Lung		Congestion, Nos Edema, Nos Hemorrhage
Mammary gland		Hyperplasia, Cystic
Nasal cavity		Hemorrhage
Pancreas		Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Inflammation, Active Chronic
Prostate		Inflammation, Active Chronic
Spleen		Hematopoiesis Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_020

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 125.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
	Cortex Nos	Metamorphosis, Fatty
	Medulla	Pheochromocytoma
Intestine Large	Colon	Pigmentation, Nos
Intestine Small	Duodenum	Pigmentation, Nos
Kidney	Pelvis	Hyperplasia, Epithelial
	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Nasal cavity		Inflammation, Chronic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Intermedia	Cyst, Hemorrhagic
Prostate		Inflammation, Active Chronic
Skin	Axilla	Basal-Cell Tumor
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Fundal Gland	Dilatation, Nos
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tubule	Mineralization
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_021

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 125.0 MG/KG

DISP: Dosing Accident

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Eye	Nasolacrimal Duct	Hemorrhage
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Lung		Congestion, Nos
		Hemorrhage
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Hyperplasia, Nos
Prostate		Inflammation, Active Chronic
Spleen		Hematopoiesis
		Pigmentation, Nos
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thyroid		Pigmentation, Nos
Unspecified	Multiple Organs Nos	Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_022

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 125.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
	Medulla	Pheochromocytoma
Eye	Nasolacrimal Duct	Inflammation, Chronic
Intestine Small	Duodenum	Pigmentation, Nos
	Mesentery Nos	Steatitis
Kidney	Pelvis	Hyperplasia, Epithelial
	Tubule	Mineralization
		Nephropathy
Liver	Tubule	Pigmentation, Nos
		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Prostate		Inflammation, Active Chronic
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Fundal Gland	Dilatation, Nos
Testis		Hyperplasia, Interstitial Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_023

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 125.0 MG/KG

DISP: Dosing Accident

HISTO:

OBSERVATIONS

Eye	Nasolacrimal Duct	Inflammation, Chronic
Kidney		Congestion, Nos
Liver		Congestion, Nos
Lung		Bronchopneumonia, Acute
		Congestion, Nos
		Hemorrhage
Nasal cavity		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_024

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 125.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Eye	Nasolacrimal Duct	Inflammation, Chronic
Intestine Small	Mesentery Nos	Inflammation, Chronic
	Duodenum	Pigmentation, Nos
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
Lung		Pneumonia, Interstitial Chronic
Lymph node	Mandibular Lymph Node	Congestion, Nos
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
	Acinus	Focal Cellular Change
	Acinus	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Inflammation, Chronic
Prostate		Inflammation, Active Chronic
Spleen		Hematopoiesis
		Pigmentation, Nos
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tubule	Mineralization

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_025

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 125.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
	Cortex Nos	Metamorphosis, Fatty
	Cortex Nos	Pigmentation, Nos
Bone marrow		Hyperplasia, Megakaryocytic
Brain		Histiocytic Sarcoma
Eye	Nasolacrimal Duct	Inflammation, Acute
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Histiocytic Sarcoma
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
		Metamorphosis, Fatty
Lung	Bronchiole	Inflammation, Acute
Lymph node	Mandibular Lymph Node	Histiocytic Sarcoma
Mammary gland		Hyperplasia, Cystic
Preputial gland		Inflammation, Active Chronic
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Forestomach	Inflammation, Active Chronic
	Forestomach	Ulcer, Chronic
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, Follicular Cell
Urethra		Calculus, Microscopic Examination

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_026

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 125.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Metamorphosis, Fatty Pheochromocytoma
Bone		Fibrous Osteodystrophy
Eye	Nasolacrimal Duct	Inflammation, Chronic
Heart		Calcification, Metastatic
Intestine Small	Duodenum	Pigmentation, Nos
Kidney	Tubule	Mineralization Nephropathy
	Tubule	Pigmentation, Nos
Liver	Bile Duct Periportal	Focal Cellular Change Hyperplasia, Nos Inflammation, Chronic
Mammary gland		Hyperplasia, Cystic
Nasal cavity		Inflammation, Chronic
Pancreas		Inflammation, Chronic
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Spleen		Pigmentation, Nos Sarcoma, Nos
Stomach	Forestomach Forestomach	Inflammation, Active Chronic Ulcer, Chronic
Testis		Atrophy, Nos Hyperplasia, Interstitial Cell Interstitial-Cell Tumor
	Tubule	Mineralization
Unspecified	Axilla	Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_027

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 125.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Eye	Nasolacrimal Duct	Inflammation, Chronic
Intestine Large	Cecum, Colon	Pigmentation, Nos
	Colon	Pigmentation, Nos
Intestine Small	Duodenum	Pigmentation, Nos
	Mesentery Nos	Steatitis
Kidney	Pelvis	Hyperplasia, Epithelial
	Tubule	Mineralization
		Nephropathy
Liver	Tubule	Pigmentation, Nos
		Accessory Structure
		Focal Cellular Change
	Periportal	Inflammation, Chronic
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Hyperplasia, Nos
Preputial gland		Hyperplasia, Nos
		Inflammation, Chronic
Spleen	Capsule	Fibrosis
		Pigmentation, Nos
Stomach	Fundal Gland	Dilatation, Nos
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Tail	Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_028

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 125.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Brain	Cerebellum Nos	Sarcoma, Nos
Intestine Large	Colon	Pigmentation, Nos
Intestine Small	Duodenum	Pigmentation, Nos
Kidney	Tubule	Nephropathy
Liver	Bile Duct	Pigmentation, Nos
Lymph node	Mandibular Lymph Node	Focal Cellular Change
Mammary gland	Anterior Pituitary	Hyperplasia, Nos
Pituitary gland	Fundal Gland	Hyperplasia, Cystic
Spleen		Hyperplasia, Nos
Stomach		Pigmentation, Nos
Testis		Dilatation, Nos
		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tubule	Oligospermia
Unspecified	Multiple Organs Nos	Inflammation, Chronic
Urethra		Calculus, Microscopic Examination

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_029

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 125.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
	Medulla	Hyperplasia, Nos
	Cortex Nos	Metamorphosis, Fatty
	Medulla	Pheochromocytoma
Eye	Nasolacrimal Duct	Inflammation, Chronic
Intestine Large	Colon	Pigmentation, Nos
Intestine Small	Duodenum	Pigmentation, Nos
Kidney	Pelvis	Hyperplasia, Epithelial
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Pancreas	Acinus	Atrophy, Nos
	Acinus	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Inflammation, Active Chronic
Prostate		Inflammation, Active Chronic
Spleen		Atrophy, Nos
		Hematopoiesis
		Pigmentation, Nos
Stomach	Fundal Gland	Dilatation, Nos
	Glandular Stomach	Hemangiosarcoma
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tubule	Mineralization
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_030

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 125.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
	Medulla	Pheochromocytoma
Intestine Large	Cecum, Colon	Pigmentation, Nos
	Colon	Pigmentation, Nos
Intestine Small	Duodenum	Pigmentation, Nos
Kidney	Cortex	Adenoma, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
	Tubule	Pigmentation, Nos
Liver	Centrilobular	Necrosis, Nos
Lung		Histiocytosis
Lymph node	Mandibular Lymph Node	Plasmacytosis
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Carcinoma, Nos
		Inflammation, Suppurative
Spleen		Hematopoiesis
		Hyperplasia, Lymphoid
Stomach	Fundal Gland	Dilatation, Nos
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tubule	Mineralization

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_031

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 125.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Eye	Nasolacrimal Duct	Hemorrhage
	Nasolacrimal Duct	Inflammation, Chronic
Intestine Small	Duodenum	Pigmentation, Nos
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Lung		Alveolar/Bronchiolar Adenoma
		Hemorrhage
Lymph node	Mandibular Lymph Node	Inflammation, Chronic
	Mandibular Lymph Node	Plasmacytosis
Pancreas	Acinus	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Carcinoma, Nos
		Inflammation, Chronic
Prostate		Inflammation, Active Chronic
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Fundal Gland	Dilatation, Nos
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_032

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 125.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
	Medulla	Pheochromocytoma, Malignant
Eye	Nasolacrimal Duct	Inflammation, Chronic
Intestine Large	Colon	Pigmentation, Nos
Intestine Small	Duodenum	Pigmentation, Nos
Kidney	Pelvis	Hyperplasia, Epithelial
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Vacuolization
		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Lung		Congestion, Nos
Mammary gland		Hyperplasia, Cystic
Pancreas		Acinar-Cell Adenoma
	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Inflammation, Chronic
Prostate		Inflammation, Active Chronic
Seminal vesicle		Atrophy, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Fundal Gland	Dilatation, Nos
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tunica Albuginea	Mesothelioma, Nos
	Tubule	Mineralization
Thyroid		Cystic Follicles

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_033

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 125.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Eye	Nasolacrimal Duct	Inflammation, Chronic
Intestine Small	Duodenum	Pigmentation, Nos
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Lung		Congestion, Nos
Nasal cavity		Inflammation, Chronic
Prostate		Inflammation, Chronic
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Fundal Gland	Dilatation, Nos
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tubule	Mineralization
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_034

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 125.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
	Cortex Nos	Metamorphosis, Fatty
Brain		Hemorrhage
Eye	Nasolacrimal Duct	Hemorrhage
	Nasolacrimal Duct	Inflammation, Chronic
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Lung		Congestion, Nos
		Hemorrhage
Mammary gland		Hyperplasia, Cystic
Pancreas		Inflammation, Chronic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Hemorrhage
Prostate		Inflammation, Active Chronic
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Fundal Gland	Dilatation, Nos
Thymus		Hemorrhage
Thyroid		Pigmentation, Nos
Urinary bladder		Calculus, Gross Observation Only

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_036

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 125.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Mineralization
Eye	Nasolacrimal Duct	Inflammation, Chronic
Intestine Small	Duodenum	Pigmentation, Nos
	Mesentery Nos	Steatitis
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Pancreas	Acinus	Atrophy, Nos
	Acinus	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Carcinoma, Nos
Prostate		Inflammation, Active Chronic
Spleen		Hyperplasia, Lymphoid
Stomach	Fundal Gland	Dilatation, Nos
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_037	TRT#: 2 DOSE: 125.0 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Cortex Nos Cortex Nos Medulla	Hyperplasia, Nos Metamorphosis, Fatty Pheochromocytoma	
Bone		Fibrous Osteodystrophy	
Eye	Nasolacrimal Duct	Inflammation, Chronic	
Heart		Calcification, Metastatic	
Intestine Large	Cecum, Colon Colon	Pigmentation, Nos Pigmentation, Nos	
Intestine Small	Duodenum	Pigmentation, Nos	
Kidney	Tubule	Mineralization Nephropathy	
Liver	Tubule	Pigmentation, Nos Focal Cellular Change	
	Bile Duct Periportal	Hyperplasia, Nos Inflammation, Chronic	
Nasal cavity		Inflammation, Chronic	
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos	
Preputial gland		Inflammation, Active Chronic	
Prostate		Inflammation, Active Chronic	
Salivary gland		Inflammation, Chronic	
Spleen		Hematopoiesis Pigmentation, Nos	
Stomach	Fundal Gland	Dilatation, Nos	
Testis		Atrophy, Nos Hyperplasia, Interstitial Cell Interstitial-Cell Tumor	
Thyroid	Tubule	Mineralization Cystic Follicles Hyperplasia, C Cell	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_038

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 125.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Metamorphosis, Fatty Pheochromocytoma
Bone		Fibrous Osteodystrophy
Eye	Nasolacrimal Duct	Inflammation, Chronic
Heart		Calcification, Metastatic
Intestine Large	Colon	Pigmentation, Nos
Intestine Small	Duodenum	Pigmentation, Nos
Kidney	Pelvis	Hyperplasia, Epithelial Nephropathy
	Tubule	Pigmentation, Nos
Liver	Bile Duct Periportal	Focal Cellular Change Hyperplasia, Nos Inflammation, Chronic
Lung		Pneumonia, Interstitial Chronic
Nasal cavity		Inflammation, Chronic
Pancreas	Acinus	Atrophy, Nos
Parathyroid gland		Hyperplasia, Nos
Preputial gland		Inflammation, Active Chronic
Prostate		Inflammation, Active Chronic
Salivary gland		Atrophy, Nos
Spleen		Fibrosis Hematopoiesis Pigmentation, Nos
Stomach	Fundal Gland	Dilatation, Nos
Testis		Atrophy, Nos Hyperplasia, Interstitial Cell Interstitial-Cell Tumor
Thymus		Congestion, Nos
Urinary bladder		Calculus, Microscopic Examination

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_039

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 125.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Accessory Structure
	Cortex Nos	Metamorphosis, Fatty
Eye	Nasolacrimal Duct	Inflammation, Chronic
Intestine Large	Colon	Pigmentation, Nos
Intestine Small	Duodenum	Pigmentation, Nos
Kidney		Hyperplasia, Tubular Cell
		Nephropathy
	Tubule	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Pigmentation, Nos
Preputial gland		Inflammation, Chronic
Prostate		Inflammation, Active Chronic
Stomach	Fundal Gland	Dilatation, Nos
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tubule	Mineralization
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_040

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 125.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Eye		Cataract
	Nasolacrimal Duct	Inflammation, Chronic
	Sclera	Mineralization
		Retinopathy
Intestine Small	Duodenum	Pigmentation, Nos
Kidney	Pelvis	Hyperplasia, Epithelial
	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
		Congestion, Nos
Lung		Hyperplasia, Lymphoid
Lymph node	Mandibular Lymph Node	Hyperplasia, Cystic
Mammary gland		Inflammation, Chronic
Nasal cavity		Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Inflammation, Chronic
Preputial gland		Inflammation, Active Chronic
Prostate		Hematopoiesis
Spleen		Pigmentation, Nos
		Atrophy, Nos
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tubule	Mineralization
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_041

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 125.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Ganglioneuroma
	Cortex Nos	Hyperplasia, Nos
	Medulla	Pheochromocytoma
Intestine Small	Mesentery Nos	Hemorrhage
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
		Metamorphosis, Fatty
Lung		Congestion, Nos
		Edema, Nos
Nasal cavity		Inflammation, Chronic
Preputial gland		Inflammation, Chronic
Prostate		Inflammation, Active Chronic
Spleen		Pigmentation, Nos
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tubule	Mineralization
Thyroid		Cystic Follicles

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_042

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 125.0 MG/KG

DISP: Dosing Accident

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Intestine Small	Duodenum	Pigmentation, Nos
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Lung		Emphysema, Alveolar
		Hemorrhage
		Histiocytosis
		Pneumonia, Interstitial Chronic
Nasal cavity		Inflammation, Acute/Chronic
Pancreas	Acinus	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Adenoma, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thyroid		Cystic Follicles
		Hyperplasia, Follicular Cell
Unspecified		Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_043

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 125.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Metamorphosis, Fatty Pheochromocytoma
Bone		Fibrous Osteodystrophy
Heart		Calcification, Metastatic
Intestine Small	Duodenum	Pigmentation, Nos
Kidney	Pelvis	Hyperplasia, Epithelial Hyperplasia, Tubular Cell
	Tubule	Mineralization Nephropathy
Liver	Tubule	Pigmentation, Nos Focal Cellular Change
	Bile Duct	Hyperplasia, Nos Necrosis, Coagulative
Lung		Hemorrhage Histiocytosis
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Prostate		Inflammation, Active Chronic
Spleen		Hematopoiesis Pigmentation, Nos
Testis		Atrophy, Nos Hyperplasia, Interstitial Cell Interstitial-Cell Tumor
Unspecified	Tubule Multiple Organs Nos	Mineralization Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_044

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 125.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
	Cortex Nos	Metamorphosis, Fatty
	Medulla	Pheochromocytoma
Eye	Nasolacrimal Duct	Hemorrhage
	Nasolacrimal Duct	Inflammation, Chronic
Intestine Small	Duodenum	Pigmentation, Nos
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Metamorphosis, Fatty
Lung		Pneumonia, Interstitial Chronic
Mammary gland		Hyperplasia, Cystic
Nasal cavity		Inflammation, Chronic
Pancreas		Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Prostate		Inflammation, Active Chronic
Salivary gland		Inflammation, Chronic
Spleen		Granuloma, Nos
		Hematopoiesis
		Pigmentation, Nos
Stomach	Fundal Gland	Dilatation, Nos
	Forestomach	Hyperkeratosis
	Forestomach	Inflammation, Chronic
Testis		Hyperplasia, Interstitial Cell
Thyroid		Cystic Follicles
Unspecified	Adipose Tissue	Steatitis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_045

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 125.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Blood vessel	Pulmonary Artery Nos	Mineralization
Eye	Nasolacrimal Duct	Inflammation, Chronic
Intestine Small	Duodenum	Pigmentation, Nos
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
		Metamorphosis, Fatty
Nasal cavity		Inflammation, Chronic
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Prostate		Inflammation, Active Chronic
Salivary gland		Inflammation, Chronic
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thyroid		Cystic Follicles
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type
Urethra		Calculus, Microscopic Examination

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_046

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 125.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla Medulla	Focal Cellular Change Hyperplasia, Nos Pheochromocytoma
Bone		Fibrous Osteodystrophy
Eye	Nasolacrimal Duct Nasolacrimal Duct	Hemorrhage Inflammation, Chronic
Intestine Small	Duodenum	Pigmentation, Nos
Kidney	Pelvis	Hyperplasia, Epithelial Hyperplasia, Tubular Cell Nephropathy
Liver	Tubule	Pigmentation, Nos Focal Cellular Change
Pancreas	Bile Duct	Hyperplasia, Nos
Preputial gland	Acinus	Hyperplasia, Nos Inflammation, Chronic
Spleen		Fibrosis Pigmentation, Nos
Stomach	Fundal Gland	Dilatation, Nos
Testis		Atrophy, Nos Hyperplasia, Interstitial Cell Interstitial-Cell Tumor
Thyroid	Tubule	Mineralization C-Cell Adenoma Cystic Follicles Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_047

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 125.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain		Compression, Nos
Eye	Nasolacrimal Duct	Hemorrhage
	Nasolacrimal Duct	Inflammation, Chronic
Intestine Large	Colon	Pigmentation, Nos
Intestine Small	Duodenum	Pigmentation, Nos
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver	Periportal	Metamorphosis, Fatty
Lung		Bronchopneumonia, Chronic
Mammary gland		Hyperplasia, Cystic
Nasal cavity		Inflammation, Chronic
Pancreas		Atrophy, Nos
		Inflammation, Chronic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Salivary gland		Atrophy, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Fundal Gland	Dilatation, Nos
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_048

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 125.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
	Medulla	Hyperplasia, Nos
	Cortex Nos	Metamorphosis, Fatty
Eye	Nasolacrimal Duct	Inflammation, Chronic
Intestine Small	Duodenum	Pigmentation, Nos
Kidney	Pelvis	Hemorrhage
	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
Lung		Alveolar/Bronchiolar Adenoma
Pancreas		Inflammation, Chronic
Prostate		Inflammation, Active Chronic
Salivary gland		Inflammation, Chronic
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Fundal Gland	Dilatation, Nos
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tubule	Mineralization
Thyroid		Hyperplasia, C Cell
Unspecified	Hip	Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_049

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 125.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Pigmentation, Nos
Eye	Nasolacrimal Duct	Inflammation, Chronic
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Lung		Histiocytosis
Lymph node	Mesenteric Lymph Node	Congestion, Nos
Mammary gland		Hyperplasia, Cystic
Preputial gland		Inflammation, Chronic
Prostate		Inflammation, Active Chronic
Seminal vesicle		Inflammation, Acute
Spleen		Pigmentation, Nos
Testis		Hyperplasia, Interstitial Cell
Thyroid		Cystic Follicles
		Pigmentation, Nos
Urethra		Calculus, Microscopic Examination
Urinary bladder		Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_050

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 125.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Metamorphosis, Fatty Pheochromocytoma, Malignant
Bone		Fibrous Osteodystrophy
Intestine Large	Cecum, Colon	Edema, Nos
Intestine Small	Duodenum	Pigmentation, Nos
Kidney		Hyperplasia, Tubular Cell Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Nasal cavity		Inflammation, Chronic
Pancreas	Acinus	Atrophy, Nos
Parathyroid gland		Hyperplasia, Nos
Preputial gland		Inflammation, Chronic
Prostate		Hyperplasia, Nos
		Inflammation, Active Chronic
Salivary gland		Inflammation, Chronic
Spleen	Follicles	Atrophy, Nos
		Hematopoiesis
Stomach		Inflammation, Active Chronic
	Forestomach	Ulcer, Nos
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tubule	Mineralization
Thymus		Congestion, Nos
Thyroid		Follicular-Cell Adenoma
Unspecified	Multiple Organs Nos	Calcification, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_101

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Hematopoiesis
	Bile Duct	Hyperplasia, Nos
	Periportal	Metamorphosis, Fatty
Lung		Hemorrhage
Mammary gland		Hyperplasia, Cystic
Nasal cavity		Hemorrhage
Seminal vesicle		Atrophy, Nos
Skin	Back	Keratoacanthoma
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Fundal Gland	Dilatation, Nos
Testis	Tubule	Degeneration, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tubule	Mineralization
	Scrotum Nos	Steatitis
Thyroid		Mineralization
Unspecified	Multiple Organs Nos	Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_102

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Cortex Nos Medulla	Hyperplasia, Nos Metamorphosis, Fatty Pheochromocytoma
Eye		Cataract Retinopathy
Kidney	Tubule	Mineralization Nephropathy
Liver	Tubule Bile Duct	Pigmentation, Nos Focal Cellular Change Hepatocytomegaly Hyperplasia, Nos Peliosis Hepatis
Lung		Alveolar/Bronchiolar Adenoma Histiocytosis
Pancreas	Acinus Acinus	Atrophy, Nos Hyperplasia, Nos
Pituitary gland	Anterior Pituitary Anterior Pituitary	Adenoma, Nos Hyperplasia, Nos
Spleen		Hematopoiesis Pigmentation, Nos
Testis		Atrophy, Nos Hyperplasia, Interstitial Cell Interstitial-Cell Tumor
Thyroid	Tubule	Mineralization
Unspecified	Tubule Multiple Organs Nos Multiple Organs Nos	Oligospermia Hyperplasia, C Cell Inflammation, Chronic Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_103

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Dosing Accident

HISTO:

OBSERVATIONS

Eye	Nasolacrimal Duct	Hemorrhage
Liver		Congestion, Nos
Lung		Congestion, Nos
		Edema, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Unspecified	Multiple Organs Nos	Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_104

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
	Medulla	Pheochromocytoma
Intestine Small	Mesentery Nos	Steatitis
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Lung		Hemorrhage
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
	Anterior Pituitary	Hyperplasia, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tubule	Mineralization
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_105

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Intestine Small	Mesentery Nos	Steatitis
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Metamorphosis, Fatty
Lung		Alveolar/Bronchiolar Adenoma
		Alveolar/Bronchiolar Carcinoma
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Salivary gland		Atrophy, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Fundal Gland	Dilatation, Nos
	Glandular Stomach	Mineralization
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tubule	Mineralization
	Tubule	Oligospermia
Thyroid		C-Cell Adenoma
Unspecified	Multiple Organs Nos	Hyperplasia, Nos
	Multiple Organs Nos	Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_106

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Accessory Structure
	Cortex Nos	Hyperplasia, Nos
	Cortex Nos	Metamorphosis, Fatty
Bone	Vertebra	Hyperplasia, Stromal
Kidney	Pelvis	Hyperplasia, Epithelial
	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Granuloma, Nos
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Mammary gland		Hyperplasia, Cystic
Nasal cavity		Hemorrhage
Pancreas	Acinus	Hyperplasia, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Prostate		Inflammation, Active Chronic
Spinal cord		Neurilemoma, Malignant
Spleen	Capsule	Fibrosis
		Hematopoiesis
		Pigmentation, Nos
Stomach	Fundal Gland	Dilatation, Nos
Thyroid		Cystic Follicles
		Mineralization
Unspecified	Multiple Organs Nos	Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_107

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
	Medulla	Pheochromocytoma
Brain	Meninges	Hemorrhage
Intestine Small	Mesentery Nos	Steatitis
Kidney	Tubule	Mineralization
		Nephropathy
Liver	Tubule	Pigmentation, Nos
		Focal Cellular Change
Pancreas		Granuloma, Nos
Spleen		Atrophy, Nos
		Hematopoiesis
Stomach	Fundal Gland	Pigmentation, Nos
	Glandular Stomach	Dilatation, Nos
Testis		Inflammation, Acute
		Atrophy, Nos
		Hyperplasia, Interstitial Cell
Thyroid		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Hyperplasia, C Cell
	Multiple Organs Nos	Hyperplasia, Nos
		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_108

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hypertrophy, Focal
	Medulla	Metamorphosis, Fatty
Intestine Small	Mesentery Nos	Pheochromocytoma
Kidney		Steatitis
	Tubule	Nephropathy
Liver		Pigmentation, Nos
		Focal Cellular Change
		Hepatocytomegaly
Mammary gland		Metamorphosis, Fatty
Pancreas	Acinus	Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Spleen		Adenoma, Nos
		Hematopoiesis
Testis		Pigmentation, Nos
		Atrophy, Nos
		Hyperplasia, Interstitial Cell
	Tubule	Interstitial-Cell Tumor
Thyroid		Mineralization
		Cystic Follicles
Unspecified	Multiple Organs Nos	Pigmentation, Nos
	Multiple Organs Nos	Hyperplasia, Nos
	Multiple Organs Nos	Inflammation, Chronic
		Mesothelioma, Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Amino-4-nitrophenol
CAS Number: 99-57-0

Date Report Requested: 10/26/2014
Time Report Requested: 09:51:20
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_109

TRT#: 3
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
	Cortex Nos	Metamorphosis, Fatty
Eye	Nasolacrimal Duct	Inflammation, Active Chronic
Kidney	Pelvis	Hyperplasia, Epithelial
		Nephropathy
	Tubule	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Lung		Hyperplasia, Alveolar Epithelium
		Pneumonia, Interstitial Chronic
Pancreas	Acinus	Atrophy, Nos
	Acinus	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Prostate		Inflammation, Active Chronic
Spleen		Hematopoiesis
		Pigmentation, Nos
Thyroid		Hyperplasia, C Cell
		Mineralization
Unspecified	Multiple Organs Nos	Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_110

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Cortex Nos Medulla	Hyperplasia, Nos Metamorphosis, Fatty Pheochromocytoma
Brain		Compression, Nos
Eye	Nasolacrimal Duct	Hemorrhage
Kidney	Tubule	Mineralization Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change Granuloma, Nos
	Bile Duct	Hyperplasia, Nos Metamorphosis, Fatty
Lung		Hemorrhage Histiocytosis
Pancreas	Acinus Acinus Islets	Atrophy, Nos Hyperplasia, Nos Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Adenocarcinoma, Nos
Prostate		Inflammation, Active Chronic
Seminal vesicle		Inflammation, Active Chronic
Spleen		Hematopoiesis Pigmentation, Nos
Testis		Hyperplasia, Interstitial Cell
	Tunica Vaginalis	Mesothelioma, Nos
Thyroid		Cystic Follicles
		Mineralization
Unspecified	Multiple Organs Nos	Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_111

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
	Cortex Nos	Metamorphosis, Fatty
	Medulla	Pheochromocytoma
Kidney	Pelvis	Hyperplasia, Epithelial
	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Angiectasis
		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
		Hyperplasia, Nos
		Metamorphosis, Fatty
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Nos
Prostate		Inflammation, Active Chronic
Spleen		Pigmentation, Nos
Stomach	Fundal Gland	Dilatation, Nos
Testis		Hyperplasia, Interstitial Cell
Unspecified	Multiple Organs Nos	Inflammation, Chronic
	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_112

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
	Cortex Nos	Metamorphosis, Fatty
	Medulla	Pheochromocytoma
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Lung		Alveolar/Bronchiolar Carcinoma
		Histiocytosis
Mammary gland		Hyperplasia, Alveolar Epithelium
Spleen		Hyperplasia, Cystic
		Hematopoiesis
		Pigmentation, Nos
Stomach	Fundal Gland	Dilatation, Nos
	Forestomach	Ulcer, Acute
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tubule	Mineralization
Thyroid		Follicular-Cell Carcinoma
Unspecified	Multiple Organs Nos	Inflammation, Chronic
	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_113

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
	Medulla	Pheochromocytoma
Eye	Nasolacrimal Duct	Hemorrhage
Heart	Atrium	Mineralization
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Pancreas	Acinus	Atrophy, Nos
	Acinus	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
Prostate		Inflammation, Active Chronic
Spleen		Hematopoiesis
		Pigmentation, Nos
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
Thyroid		Interstitial-Cell Tumor
		Cyst, Embryonal Duct
		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Inflammation, Chronic
	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_114

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hemorrhage
	Cortex Nos	Metamorphosis, Fatty
	Medulla	Pheochromocytoma
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
	Centrilobular	Metamorphosis, Fatty
Mammary gland		Hyperplasia, Cystic
Nasal cavity		Inflammation, Chronic
Pituitary gland	Anterior Pituitary	Cyst, Nos
	Anterior Pituitary	Hyperplasia, Nos
Prostate		Inflammation, Active Chronic
Spleen		Hematopoiesis
		Pigmentation, Nos
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tubule	Mineralization
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_115

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Lung		Histiocytosis
		Pneumonia, Interstitial Chronic
Lymph node	Mandibular Lymph Node	Plasmacytosis
Nasal cavity		Inflammation, Chronic
Pancreas	Islets	Islet-Cell Carcinoma
Pituitary gland	Anterior Pituitary	Cyst, Nos
Prostate		Inflammation, Active Chronic
Spleen		Hematopoiesis
		Pigmentation, Nos
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thyroid	Tubule	Mineralization
		C-Cell Carcinoma
		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_116

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
	Medulla	Pheochromocytoma
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Lung		Hemorrhage
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Prostate		Inflammation, Active Chronic
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Fundal Gland	Dilatation, Nos
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thyroid	Tubule	Mineralization
		Cystic Follicles
		Pigmentation, Nos
Unspecified	Multiple Organs Nos	Inflammation, Chronic
	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_117

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Heart	Pericardium Nos	Inflammation, Chronic
	Atrium	Thrombus, Organized
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Mammary gland		Fibroadenoma
		Hyperplasia, Cystic
Pancreas		Atrophy, Nos
Preputial gland		Carcinoma, Nos
		Inflammation, Suppurative
Spleen		Hematopoiesis
Stomach	Fundal Gland	Dilatation, Nos
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tubule	Mineralization
Thyroid		C-Cell Adenoma
		Cystic Follicles
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_118

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Accessory Structure
	Medulla	Hyperplasia, Nos
	Cortex Nos	Metamorphosis, Fatty
	Medulla	Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Mineralization
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Granuloma, Nos
	Bile Duct	Hyperplasia, Nos
		Bronchopneumonia, Chronic
		Histiocytosis
		Hyperplasia, Alveolar Epithelium
Preputial gland		Adenoma, Nos
Stomach	Fundal Gland	Dilatation, Nos
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tubule	Mineralization
Unspecified	Multiple Organs Nos	Inflammation, Chronic
	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_119

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Metamorphosis, Fatty Pheochromocytoma
Intestine Small	Mesentery Nos	Steatitis
Kidney	Tubule	Mineralization Nephropathy
Liver	Tubule	Pigmentation, Nos Focal Cellular Change
Mammary gland	Bile Duct	Hyperplasia, Nos
Pancreas	Centrilobular	Metamorphosis, Fatty Hyperplasia, Cystic
Pituitary gland	Acinus	Atrophy, Nos
Testis	Islets	Hyperplasia, Nos
	Anterior Pituitary	Adenoma, Nos Atrophy, Nos Hyperplasia, Interstitial Cell Interstitial-Cell Tumor
Thyroid	Tubule	Mineralization Cystic Follicles Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Inflammation, Chronic
	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_120

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
	Cortex Nos	Metamorphosis, Fatty
Brain		Compression, Nos
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Lung		Histiocytosis
		Hyperplasia, Alveolar Epithelium
Pancreas		Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Prostate		Inflammation, Active Chronic
Spleen		Hematopoiesis
		Pigmentation, Nos
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Inflammation, Chronic

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_121

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
	Medulla	Pheochromocytoma
Brain		Malacia
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Hematopoiesis
	Bile Duct	Hyperplasia, Nos
Lymph node	Mandibular Lymph Node	Plasmacytosis
Mammary gland		Hyperplasia, Cystic
Nasal cavity		Foreign Material, Nos
		Inflammation, Acute
Pancreas	Acinus	Hyperplasia, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Prostate		Hyperplasia, Nos
		Inflammation, Active Chronic
Seminal vesicle		Inflammation, Active Chronic
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Fundal Gland	Dilatation, Nos
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Inflammation, Chronic

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_122

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hemorrhage
	Medulla	Pheochromocytoma, Malignant
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
		Hyperplasia, Nos
Mammary gland		Hyperplasia, Cystic
Pancreas		Atrophy, Nos
Prostate		Inflammation, Active Chronic
Salivary gland		Atrophy, Nos
Spleen		Fibrosis
		Hematopoiesis
		Pigmentation, Nos
Stomach	Fundal Gland	Dilatation, Nos
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Inflammation, Chronic
	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_123

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
	Medulla	Pheochromocytoma, Malignant
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Lung		Bronchopneumonia, Chronic
		Histiocytosis
Mammary gland		Adenocarcinoma, Nos
		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Spleen		Pigmentation, Nos
Stomach	Forestomach	Inflammation, Acute
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tubule	Mineralization
	Scrotum Nos	Steatitis
Unspecified	Multiple Organs Nos	Inflammation, Chronic
	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_124

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
	Cortex Nos	Metamorphosis, Fatty
	Medulla	Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Mineralization
Eye	Nasolacrimal Duct	Inflammation, Chronic
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Mammary gland		Hyperplasia, Cystic
Nasal cavity		Inflammation, Chronic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Spleen		Pigmentation, Nos
Stomach	Fundal Gland	Dilatation, Nos
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thyroid	Tubule	Mineralization
		Cystic Follicles
		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_125

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Kidney

Medulla
Tubule

Pheochromocytoma
Mineralization
Nephropathy

Liver

Tubule

Pigmentation, Nos
Focal Cellular Change

Bile Duct

Hyperplasia, Nos
Metamorphosis, Fatty

Pancreas
Pituitary gland
Salivary gland
Spleen

Anterior Pituitary

Atrophy, Nos
Hyperplasia, Nos
Atrophy, Nos
Hematopoiesis

Stomach
Testis

Fundal Gland

Pigmentation, Nos
Dilatation, Nos
Atrophy, Nos
Hyperplasia, Interstitial Cell
Interstitial-Cell Tumor
Hyperplasia, C Cell
Inflammation, Chronic

Thyroid
Unspecified

Multiple Organs Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_126

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Eye	Nasolacrimal Duct	Hemorrhage
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Vacuolization
		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Pancreas	Acinus	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Fundal Gland	Dilatation, Nos
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tubule	Mineralization
Unspecified	Multiple Organs Nos	Inflammation, Chronic

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_127

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla Medulla	Metamorphosis, Fatty Pheochromocytoma Pheochromocytoma, Malignant
Brain		Ependymoma Mineralization
Kidney	Tubule	Nephropathy Pigmentation, Nos
Liver		Focal Cellular Change
Lung		Hemorrhage
Mammary gland		Hyperplasia, Cystic
Prostate		Inflammation, Active Chronic
Spleen		Hematopoiesis Pigmentation, Nos
Stomach	Fundal Gland Forestomach	Dilatation, Nos Inflammation, Active Chronic
Testis		Atrophy, Nos Hyperplasia, Interstitial Cell Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma Pigmentation, Nos
Unspecified	Multiple Organs Nos Multiple Organs Nos	Hyperplasia, Nos Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_128	TRT#: 3 DOSE: 0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Medulla	Pheochromocytoma	
Bone		Fibrous Osteodystrophy	
Kidney	Cortex	Cyst, Nos	
	Pelvis	Hyperplasia, Epithelial	
	Tubule	Mineralization	
		Nephropathy	
Liver	Tubule	Pigmentation, Nos	
		Angiectasis	
		Focal Cellular Change	
		Hepatocytomegaly	
Mammary gland	Bile Duct	Hyperplasia, Nos	
		Fibroadenoma	
		Hyperplasia, Cystic	
Pancreas	Acinus	Hyperplasia, Nos	
		Inflammation, Acute	
Preputial gland		Cystic Ducts	
Prostate		Inflammation, Active Chronic	
Spleen		Fibrosis, Focal	
		Hematopoiesis	
		Pigmentation, Nos	
Stomach	Fundal Gland	Dilatation, Nos	
Testis		Atrophy, Nos	
		Hyperplasia, Interstitial Cell	
		Interstitial-Cell Tumor	
Thyroid	Tubule	Mineralization	
		Cystic Follicles	
		Pigmentation, Nos	
Unspecified	Multiple Organs Nos	Inflammation, Chronic	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_129

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Congestion, Nos
		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Lung		Histiocytosis
		Pneumonia, Interstitial Chronic
Mammary gland		Fibroadenoma
Preputial gland		Carcinoma, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Fundal Gland	Dilatation, Nos
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tubule	Mineralization
	Scrotum Nos	Steatitis
Thyroid		Cystic Follicles
Unspecified	Multiple Organs Nos	Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_130

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
	Cortex Nos	Metamorphosis, Fatty
	Medulla	Pheochromocytoma
Bone		Fibrous Osteodystrophy
Kidney	Pelvis	Hyperplasia, Epithelial
		Hyperplasia, Tubular Cell
	Cortex	Lipoma
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Mammary gland		Hyperplasia, Cystic
Pancreas	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Fibrosis
		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Mineralization
Testis		Hyperplasia, Interstitial Cell
Thyroid		Cystic Follicles
		Pigmentation, Nos
Unspecified	Head	Abscess, Nos
	Multiple Organs Nos	Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_131

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
	Cortex Nos	Metamorphosis, Fatty
	Medulla	Pheochromocytoma
Blood vessel	Pulmonary Vein Nos	Mineralization
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Lung		Bronchopneumonia, Chronic
		Hemorrhage
		Histiocytosis
Pancreas		Atrophy, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Fundal Gland	Dilatation, Nos
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tubule	Mineralization
Unspecified	Multiple Organs Nos	Inflammation, Chronic
		Neurofibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_132

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
	Medulla	Pheochromocytoma, Malignant
Blood vessel	Vena Cava Nos	Mineralization
Intestine Small	Mesentery Nos	Steatitis
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Centrilobular	Necrosis, Coagulative
Lung		Hemorrhage
		Histiocytosis
		Pneumonia, Interstitial Chronic
Pancreas		Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Hyperplasia, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
		Sarcoma, Nos
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tunica Vaginalis	Mesothelioma, Nos
Thymus		Hemorrhage
Unspecified	Multiple Organs Nos	Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_133

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
	Medulla	Pheochromocytoma
Kidney	Tubule	Mineralization
		Nephropathy
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Lung		Bronchopneumonia, Chronic
		Cholesterol Deposit
		Histiocytosis
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Hemorrhagic
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Fundal Gland	Dilatation, Nos
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Scrotum Nos	Steatitis
Thyroid		C-Cell Adenoma
		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_134

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
	Cortex Nos	Metamorphosis, Fatty
	Medulla	Pheochromocytoma
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Lymph node	Mandibular Lymph Node	Plasmacytosis
Pancreas	Islets	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Prostate		Inflammation, Active Chronic
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Fundal Gland	Dilatation, Nos
Testis		Atrophy, Nos
		Cyst, Nos
		Hyperplasia, Interstitial Cell
		Periarteritis
	Scrotum Nos	Steatitis
Thymus		Cyst, Embryonal Duct
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Inflammation, Chronic
Urethra		Calculus, Microscopic Examination

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_135

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Eye	Nasolacrimal Duct	Inflammation, Chronic
Kidney	Tubule	Mineralization Nephropathy
Liver	Tubule	Pigmentation, Nos Focal Cellular Change
Lung	Bile Duct	Hyperplasia, Nos
Mammary gland	Centrilobular	Metamorphosis, Fatty Congestion, Nos
Pancreas	Acinus	Hyperplasia, Cystic Atrophy, Nos
Spleen		Pigmentation, Nos
Testis	Scrotum Nos	Steatitis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_136

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
	Medulla	Pheochromocytoma
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
		Hyperplasia, Nos
		Hemorrhage
Lung		Atrophy, Nos
Pancreas	Acinus	Hyperplasia, Nos
	Acinus	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Pigmentation, Nos
Stomach	Fundal Gland	Dilatation, Nos
Testis		Hyperplasia, Interstitial Cell
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Inflammation, Active Chronic
	Multiple Organs Nos	Inflammation, Chronic
	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_137

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Blood vessel	Pulmonary Artery Nos	Mineralization
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Fundal Gland	Dilatation, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
	Tubule	Mineralization
Unspecified	Multiple Organs Nos	Inflammation, Chronic
		Lipoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_138

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
	Medulla	Hyperplasia, Nos
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
		Metamorphosis, Fatty
Mammary gland		Hyperplasia, Cystic
Pancreas	Islets	Hyperplasia, Nos
Preputial gland		Inflammation, Active Chronic
Prostate		Inflammation, Active Chronic
Salivary gland		Atrophy, Nos
		Inflammation, Chronic
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Fundal Gland	Dilatation, Nos
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_139

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
	Cortex Nos	Metamorphosis, Fatty
	Medulla	Pheochromocytoma
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Lung		Alveolar/Bronchiolar Adenoma
		Histiocytosis
Pancreas		Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Prostate		Inflammation, Active Chronic
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Fundal Gland	Dilatation, Nos
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tubule	Mineralization
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_140

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
	Medulla	Pheochromocytoma
Blood vessel	Vena Cava Nos	Mineralization
Eye		Cataract
		Retinopathy
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Cystic
Pancreas		Atrophy, Nos
		Cystic Ducts
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Salivary gland		Inflammation, Active Chronic
Seminal vesicle		Atrophy, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Fundal Gland	Dilatation, Nos
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Scrotum Nos	Steatitis
Thyroid		Pigmentation, Nos
Unspecified	Multiple Organs Nos	Inflammation, Chronic
	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_141

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Kidney	Cortex	Cyst, Nos
	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
Lung		Alveolar/Bronchiolar Adenoma
		Hemorrhage
		Histiocytosis
Mammary gland		Fibroadenoma
		Hyperplasia, Cystic
Pancreas		Acinar-Cell Adenoma
Prostate		Inflammation, Active Chronic
Spleen		Hematopoiesis
		Pigmentation, Nos
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tubule	Mineralization
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Hyperplasia, Nos
	Multiple Organs Nos	Inflammation, Chronic

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_142

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
	Medulla	Pheochromocytoma
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Metamorphosis, Fatty
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Hyperplasia, Nos
Prostate		Inflammation, Active Chronic
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Fundal Gland	Dilatation, Nos
Testis		Hyperplasia, Interstitial Cell
Unspecified	Multiple Organs Nos	Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_143

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Cystic
Pancreas	Islets	Islet-Cell Adenoma
Salivary gland		Atrophy, Nos
Spleen	Follicles	Atrophy, Nos
		Hematopoiesis
		Pigmentation, Nos
Stomach	Fundal Gland	Dilatation, Nos
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Inflammation, Chronic

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_144

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Blood vessel	Pulmonary Vein Nos	Mineralization
Eye	Nasolacrimal Duct	Hemorrhage
Kidney	Cortex	Cyst, Nos
	Tubule	Mineralization
		Nephropathy
Liver	Tubule	Pigmentation, Nos
		Focal Cellular Change
		Hematopoiesis
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Lung		Histiocytosis
		Pneumonia, Interstitial Chronic
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Seminal vesicle		Atrophy, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Fundal Gland	Dilatation, Nos
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thyroid	Tubule	Mineralization
Unspecified	Multiple Organs Nos	Cystic Follicles
		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_145

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Blood vessel	Vena Cava Nos	Mineralization
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
		Bronchopneumonia, Chronic
Lung		Inflammation, Active Chronic
Nasal cavity		Hyperplasia, Nos
Pancreas	Acinus	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Inflammation, Active Chronic
Prostate		Cyst, Epidermal Inclusion
Skin	Nose	Inflammation, Active Chronic
	Nose	Hematopoiesis
Spleen		Pigmentation, Nos
		Dilatation, Nos
Stomach	Fundal Gland	Atrophy, Nos
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tubule	Mineralization
Thyroid		C-Cell Carcinoma
Unspecified		Fibroma
	Multiple Organs Nos	Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_146

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Lung		Histiocytosis
		Pneumonia, Interstitial Chronic
Lymph node	Mandibular Lymph Node	Plasmacytosis
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Inflammation, Suppurative
Prostate		Inflammation, Active Chronic
Spleen		Hematopoiesis
		Pigmentation, Nos
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tubule	Mineralization
Unspecified	Multiple Organs Nos	Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_147

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney	Tubule	Mineralization Nephropathy
Liver	Tubule	Pigmentation, Nos Focal Cellular Change
Mammary gland	Bile Duct	Hyperplasia, Nos Metamorphosis, Fatty
Pancreas	Acinus	Hyperplasia, Cystic Atrophy, Nos
Pituitary gland	Islets	Hyperplasia, Nos
Prostate	Anterior Pituitary	Hyperplasia, Nos Inflammation, Active Chronic
Salivary gland		Atrophy, Nos
Spleen		Hematopoiesis Pigmentation, Nos
Stomach	Fundal Gland	Dilatation, Nos
Testis		Atrophy, Nos Hyperplasia, Interstitial Cell Interstitial-Cell Tumor
Thyroid	Tubule	Mineralization
Unspecified	Scrotum Nos	Steatitis Pigmentation, Nos
	Multiple Organs Nos	Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_148

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
	Cortex Nos	Metamorphosis, Fatty
Heart	Atrium	Thrombus, Mural
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Salivary gland		Atrophy, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Fundal Gland	Dilatation, Nos
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tubule	Mineralization
Thyroid		Cystic Follicles
Unspecified	Multiple Organs Nos	Inflammation, Chronic
	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_149

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Accessory Structure
	Cortex Nos	Hyperplasia, Nos
	Medulla	Pheochromocytoma
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Lung		Bronchopneumonia, Chronic
		Histiocytosis
Pancreas	Acinus	Atrophy, Nos
	Acinus	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Hyperplasia, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Fundal Gland	Dilatation, Nos
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thyroid	Tubule	Mineralization
		Follicular-Cell Carcinoma
		Hyperplasia, C Cell
		Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Inflammation, Chronic

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C55958

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Amino-4-nitrophenol

CAS Number: 99-57-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:51:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_150

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
	Medulla	Hyperplasia, Nos
	Cortex Nos	Metamorphosis, Fatty
	Medulla	Pheochromocytoma
Brain		Compression, Nos
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Nos
Prostate		Inflammation, Active Chronic
Spleen		Hematopoiesis
		Pigmentation, Nos
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thyroid		Cystic Follicles
Unspecified	Multiple Organs Nos	Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

** END OF REPORT **

* PROTOCOL REQUIRED TISSUE