

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:18

First Dose M/F: NA / NA

Lab: NA

C Number: C56428

Cage Range: All

Date Range: All

Reasons For Removal: All

Removal Date Range: All

Treatment Groups: All

Study Gender: Male

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_001

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Blood	Blood Erythrocytes	Reticulocytosis
Bone marrow		Hyperplasia, Erythroid
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
Lung		Hyperplasia, Alveolar Epithelium
Lymph node	Mesenteric Lymph Node	Histiocytosis
	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Peritoneum	Peritoneal Cavity Nos	Hemorrhage
		Mesothelioma, Invasive
Seminal vesicle		Atrophy, Nos
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Stomach	Forestomach	Acanthosis
	Forestomach	Papilloma, Nos
Testis		Interstitial-Cell Tumor
	Tunica Vaginalis	Mesothelioma, Malignant
Unspecified	Abdomen	Mesothelioma, Invasive

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_002

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Bone marrow		Hyperplasia, Erythroid
Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Mesentery Nos	Necrosis, Fat
Kidney		Nephrosis, Nos
Liver		Congestion, Acute
	Bile Duct	Hyperplasia, Nos
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pancreas		Atrophy, Focal
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Inflammation, Chronic Suppurative
Prostate		Inflammation, Chronic Suppurative
Skin		Keratoacanthoma
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
	Red Pulp	Sarcoma, Nos
Stomach	Forestomach	Acanthosis
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_003

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Ear	Canal	Lymphocytic Inflammatory Infiltrate
Heart	Ventricle	Dilatation, Nos
Intestine Small	Mesentery Nos	Necrosis, Fat
Kidney		Nephrosis, Nos
Liver	Bile Duct	Hyperplasia, Nos
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Preputial gland		Inflammation, Chronic Focal
Prostate		Inflammation, Chronic Suppurative
Salivary gland		Atrophy, Focal
Spleen	Red Pulp	Congestion, Nos
	Red Pulp	Hematopoiesis
		Hemosiderosis
		Thrombosis, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_004

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung		Congestion, Acute
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Prostate		Inflammation, Chronic Suppurative
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_005

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephrosis, Nos
Liver		Cytoplasmic Change, Basophilic
Lung		Inflammation, Chronic Focal
		Pneumonia, Aspiration
Mammary gland	Mammary Duct	Distention
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Prostate		Inflammation, Chronic Suppurative
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Stomach	Forestomach	Keratin-Pearl Formation
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_006

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Nos
Lung		Hemorrhage
Preputial gland		Inflammation, Chronic Focal
Prostate		Inflammation, Chronic Suppurative
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_007

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Lymph node

Mandibular Lymph Node

Hyperplasia, Lymphoid

Nasal cavity

Mucosa

Lymphocytic Inflammatory Infiltrate

Pancreas

Atrophy, Focal

Spleen

Red Pulp

Hematopoiesis

Testis

Hemosiderosis

Thymus

Hyperplasia, Interstitial Cell

Sarcoma, Nos

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_008

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma, Malignant
Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Colon	Parasitism
Intestine Small	Peyers Patch	Hyperplasia, Lymphoid
Kidney		Nephrosis, Nos
Liver	Bile Duct	Hyperplasia, Nos
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Prostate		Inflammation, Chronic Suppurative
Salivary gland		Neurilemoma, Malignant
Spleen	Red Pulp	Fibrosis
	Red Pulp	Hematopoiesis
		Hemosiderosis
Stomach	Forestomach	Acanthosis
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_009

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Ear	Canal	Lymphocytic Inflammatory Infiltrate
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephrosis, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Mammary gland		Hyperplasia, Nos
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_010

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Blood	Blood Erythrocytes	Reticulocytosis
Ear	Canal	Lymphocytic Inflammatory Infiltrate
Heart	Myocardium Nos	Degeneration, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Salivary gland		Atrophy, Focal
Skin	Shoulder	Squamous Cell Carcinoma
Spleen	Red Pulp	Fibrosis
	Red Pulp	Hematopoiesis
		Hemosiderosis
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_011

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Ear	Canal	Lymphocytic Inflammatory Infiltrate
Kidney		Nephrosis, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Lung		Alveolar/Bronchiolar Adenoma
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Preputial gland		Inflammation, Chronic Focal
Prostate		Inflammation, Chronic Suppurative
Salivary gland		Hyperplasia, Focal
Spleen	Red Pulp	Congestion, Nos
	Red Pulp	Fibrosis
	Red Pulp	Hematopoiesis
		Hemosiderosis
	Red Pulp	Metamorphosis, Fatty
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
Urinary bladder		Distention

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_012

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
Ear	Canal	Lymphocytic Inflammatory Infiltrate
Epididymis		Cytoplasmic Vacuolization
Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Jejunum	Lymphocytic Inflammatory Infiltrate
Kidney		Nephrosis, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Lymph node	Mediastinal Lymph Node	Hemorrhage
	Mesenteric Lymph Node	Hemosiderosis
	Mandibular Lymph Node	Hyperplasia, Lymphoid
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pancreas		Atrophy, Focal
Pituitary gland	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Inflammation, Chronic Suppurative
Spleen	Red Pulp	Congestion, Nos
	Red Pulp	Fibrosis
	Red Pulp	Hematopoiesis
		Hemosiderosis
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tunica Vaginalis	Mesothelioma, Nos
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_013

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Ear	Canal	Lymphocytic Inflammatory Infiltrate
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephrosis, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pancreas		Atrophy, Focal
Prostate		Inflammation, Suppurative
Salivary gland		Atrophy, Focal
		Fibrosis
Spleen	Red Pulp	Fibrosis
	Red Pulp	Hematopoiesis
		Hemosiderosis
	Red Pulp	Metamorphosis, Fatty
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_014

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Ear	Canal	Lymphocytic Inflammatory Infiltrate
Intestine Small	Peyers Patch	Hyperplasia, Lymphoid
Kidney		Nephrosis, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Lymph node	Mesenteric Lymph Node	Hemorrhage
	Mandibular Lymph Node	Hyperplasia, Lymphoid
Mammary gland		Fibroadenoma
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Preputial gland		Hyperplasia, Nos
Salivary gland		Atrophy, Focal
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_015

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hematopoiesis
Blood	Blood Erythrocytes	Normoblastosis
	Blood Erythrocytes	Reticulocytosis
Bone marrow		Hyperplasia, Erythroid
Intestine Small	Intestinal Villus, Ileum	Atrophy, Nos
Kidney		Nephrosis, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Lymph node	Mediastinal Lymph Node	Hemosiderosis
	Pancreatic Lymph Node	Hemosiderosis
	Mesenteric Lymph Node	Hyperplasia, Diffuse
	Mandibular Lymph Node	Hyperplasia, Lymphoid
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pancreas		Atrophy, Focal
	Islets	Islet-Cell Carcinoma
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Adenoma, Nos
		Inflammation, Chronic Focal
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Stomach	Forestomach	Papilloma, Nos
Testis		Interstitial-Cell Tumor
Thyroid		Cyst, Follicular Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_016

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Brain		Glioma, Invasive
Epididymis		Cytoplasmic Vacuolization
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephrosis, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Focal
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland		Glioma, Nos
Seminal vesicle		Atrophy, Diffuse
Spleen	Red Pulp	Fibrosis
	Red Pulp	Hematopoiesis
		Hemosiderosis
Testis		Interstitial-Cell Tumor
Thyroid		Cyst, Follicular Nos

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_017

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Kidney		Nephrosis, Nos
Lung		Inflammation, Chronic Focal
Mammary gland	Mammary Duct	Distention
		Hyperplasia, Diffuse
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Preputial gland		Inflammation, Chronic Focal
		Retention Of Content
Skin		Papilloma, Nos
Spleen	Red Pulp	Fibrosis
	Red Pulp	Hematopoiesis
		Hemosiderosis
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_018

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver

Congestion, Acute

Lung

Congestion, Acute

Spleen

Red Pulp

Hematopoiesis

Hemosiderosis

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_019

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Ear	Canal	Lymphocytic Inflammatory Infiltrate
Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Colon	Parasitism
Kidney		Nephrosis, Nos
Liver	Bile Duct	Hyperplasia, Nos
Lymph node	Mandibular Lymph Node	Hyperplasia, Diffuse
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Spleen	Red Pulp	Congestion, Nos
	Red Pulp	Hematopoiesis
		Hemosiderosis
Testis	Spermatid	Dysplasia, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_020

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Ear	Canal	Lymphocytic Inflammatory Infiltrate
Kidney		Nephrosis, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Interstitial
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Prostate		Inflammation, Suppurative
Spleen	Red Pulp	Fibrosis
	Red Pulp	Hematopoiesis
		Hemosiderosis
	Red Pulp	Metamorphosis, Fatty
Testis	Spermatid	Dysplasia, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_021

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Ear	Canal	Lymphocytic Inflammatory Infiltrate
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Focal
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pancreas		Atrophy, Focal
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Preputial gland		Inflammation, Chronic Focal
Spleen	Red Pulp	Fibrosis
	Red Pulp	Hematopoiesis
		Hemosiderosis
	Red Pulp	Sarcoma, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_022

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
	Medulla	Hyperplasia, Focal
Ear	Canal	Lymphocytic Inflammatory Infiltrate
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephrosis, Nos
Liver	Bile Duct	Hyperplasia, Nos
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Prostate		Inflammation, Chronic Suppurative
Seminal vesicle		Atrophy, Nos
Spleen	Red Pulp	Fibrosis
	Red Pulp	Hematopoiesis
		Hemosiderosis
	Red Pulp	Metamorphosis, Fatty
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_023

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Dosing Accident

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Ear	Canal	Lymphocytic Inflammatory Infiltrate
Heart	Myocardium Nos	Degeneration, Nos
	Pericardium Nos	Inflammation, Suppurative
Kidney		Nephrosis, Nos
Liver	Centrilobular	Congestion, Nos
		Cytoplasmic Change, Basophilic
Nasal cavity	Mucosa	Inflammation, Suppurative
	Mucosa	Lymphocytic Inflammatory Infiltrate
Pancreas		Atrophy, Focal
Preputial gland		Inflammation, Chronic Focal
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Testis	Spermatid	Dysplasia, Nos
		Interstitial-Cell Tumor
Unspecified	Neck	Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_024

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Ear	Canal	Lymphocytic Inflammatory Infiltrate
Epididymis		Cytoplasmic Vacuolization
Eye		Phthisis Bulbi
Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Colon	Distention
	Colon	Parasitism
Kidney		Nephrosis, Nos
Liver	Centrilobular	Cytoplasmic Vacuolization
Lung		Congestion, Acute
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Spleen	Red Pulp	Fibrosis
	Red Pulp	Hematopoiesis
		Hemosiderosis
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thymus		Neurilemoma, Metastatic
Thyroid		C-Cell Carcinoma
Unspecified		Neurilemoma, Malignant
Urinary bladder		Distention

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_025

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Ear	Canal	Lymphocytic Inflammatory Infiltrate
Esophagus		Inflammation, Chronic
Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Colon	Distention
	Rectum	Distention
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Nos
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Mammary gland		Fibroadenoma
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Testis		Interstitial-Cell Tumor
Urinary bladder		Distention

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_026

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Ear	Canal	Lymphocytic Inflammatory Infiltrate
Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Colon	Parasitism
Kidney	Tubule	Pigmentation, Nos
Liver	Centrilobular	Necrosis, Coagulative
Lung		Congestion, Acute
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pancreas		Atrophy, Focal
Preputial gland		Adenoma, Nos
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_027

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephrosis, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Lymph node	Mandibular Lymph Node	Hyperplasia, Diffuse
	Mediastinal Lymph Node	Hyperplasia, Lymphoid
	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Mammary gland	Mammary Duct	Distention
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Prostate		Inflammation, Chronic Suppurative
Spleen	Red Pulp	Fibrosis
	Red Pulp	Hematopoiesis
		Hemosiderosis
Testis	Spermatid	Dysplasia, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_028

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hematopoiesis
Ear	Canal	Lymphocytic Inflammatory Infiltrate
Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Colon	Distention
Kidney		Nephrosis, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Spleen	Red Pulp	Congestion, Nos
	Red Pulp	Hematopoiesis
		Hemosiderosis
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified		Neurilemoma, Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_029

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hematopoiesis
Bone marrow		Hyperplasia, Erythroid
Ear	Canal	Lymphocytic Inflammatory Infiltrate
Intestine Large	Colon	Distention
	Rectum	Distention
Kidney		Nephrosis, Nos
Liver		Cytoplasmic Change, Basophilic
		Cytoplasmic Change, Eosinophilic
	Bile Duct	Hyperplasia, Nos
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Preputial gland		Inflammation, Chronic Focal
Salivary gland		Hyperplasia, Focal
Spleen	Red Pulp	Fibrosis
	Red Pulp	Hematopoiesis
		Hemosiderosis
	Red Pulp	Metamorphosis, Fatty
Testis	Spermatid	Dysplasia, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_030

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Epididymis		Cytoplasmic Vacuolization
Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Colon	Distention
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver	Centrilobular	Congestion, Nos
	Bile Duct	Hyperplasia, Nos
Mammary gland	Mammary Duct	Distention
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Neurilemoma, Malignant
Preputial gland		Inflammation, Chronic Focal
Prostate		Inflammation, Chronic Suppurative
Skin		Cyst, Epidermal Inclusion
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_031

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Bone marrow		Hyperplasia, Granulocytic
Heart	Myocardium Nos	Degeneration, Nos
	Pericardium Nos	Inflammation, Chronic
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Lung	Pleura Nos	Inflammation, Chronic
	Pleural Cavity Nos	Inflammation, Suppurative
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
	Mediastinal Lymph Node	Hyperplasia, Lymphoid
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Angiectasis
Prostate		Inflammation, Chronic Suppurative
Salivary gland		Neurilemoma, Malignant
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
	Red Pulp	Plasmacytosis
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_032

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Epididymis		Cytoplasmic Vacuolization
Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Colon	Distention
Intestine Small	Peyers Patch	Hyperplasia, Lymphoid
Kidney		Nephrosis, Nos
Liver	Bile Duct	Hyperplasia, Nos
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Hyperplasia, Diffuse
Preputial gland		Inflammation, Chronic Focal
Prostate		Inflammation, Chronic Suppurative
Salivary gland		Neurilemoma, Malignant
Spleen	Red Pulp	Fibrosis
	Red Pulp	Hematopoiesis
		Hemosiderosis
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_033

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Bone		Osteosclerosis
Kidney		Nephrosis, Nos
Liver	Bile Duct	Hyperplasia, Nos
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Inflammation, Chronic Suppurative
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Stomach	Forestomach	Acanthosis
	Submucosa	Edema, Nos
	Forestomach	Hyperkeratosis
Testis		Edema, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_034

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Bone marrow		Hyperplasia, Erythroid
Intestine Large	Colon	Distention
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Focal
Lymph node	Mesenteric Lymph Node	Hyperplasia, Diffuse
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Spleen	Red Pulp	Congestion, Nos
	Red Pulp	Fibrosis
	Red Pulp	Hematopoiesis
		Hemosiderosis
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_035

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Ear	Canal	Lymphocytic Inflammatory Infiltrate
Liver	Centrilobular	Congestion, Acute
Lung		Congestion, Acute
		Edema, Nos
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_036

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Ear	Canal	Lymphocytic Inflammatory Infiltrate
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephrosis, Nos
Liver		Cytoplasmic Change, Basophilic
		Cytoplasmic Vacuolization
	Bile Duct	Hyperplasia, Nos
Lymph node	Mediastinal Lymph Node	Hyperplasia, Lymphoid
	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Preputial gland		Inflammation, Chronic Focal
Spleen	Red Pulp	Congestion, Nos
	Red Pulp	Fibrosis
	Red Pulp	Hematopoiesis
		Hemosiderosis
	Red Pulp	Metamorphosis, Fatty
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_037

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Ear	Canal	Lymphocytic Inflammatory Infiltrate
Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Mesentery Nos	Necrosis, Fat
Kidney		Nephrosis, Nos
Liver	Bile Duct	Hyperplasia, Nos
Lung	Bronchus	Hyperplasia, Lymphoid
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Inflammation, Chronic Suppurative
Prostate		Inflammation, Chronic Suppurative
Spleen	Red Pulp	Fibrosis
	Red Pulp	Hematopoiesis
		Hemosiderosis
	Red Pulp	Metamorphosis, Fatty
Testis	Spermatid	Dysplasia, Nos
		Interstitial-Cell Tumor
Thyroid		C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_038

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Ear	Canal	Lymphocytic Inflammatory Infiltrate
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Interstitial Chronic
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Mammary gland	Mammary Duct	Distention
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Prostate		Inflammation, Chronic Suppurative
Salivary gland		Atrophy, Focal
Spleen	Red Pulp	Fibrosis
	Red Pulp	Hematopoiesis
		Hemosiderosis
	Red Pulp	Metamorphosis, Fatty
	Red Pulp	Sarcoma, Nos
Stomach	Forestomach	Acanthosis
	Forestomach	Ulcer, Chronic
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Zymbal gland		Carcinoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_039

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Ear	Canal	Lymphocytic Inflammatory Infiltrate
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephrosis, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Lymph node	Mandibular Lymph Node	Cyst, Nos
Mammary gland		Hyperplasia, Nos
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Prostate		Inflammation, Chronic Suppurative
Seminal vesicle		Atrophy, Nos
Spleen	Red Pulp	Congestion, Nos
	Red Pulp	Fibrosis
	Red Pulp	Hematopoiesis
		Hemosiderosis
Testis		Interstitial-Cell Tumor
Urinary bladder		Distention

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_040

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Spleen

Red Pulp

Congestion, Acute

Hematopoiesis

Hemosiderosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_041

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Bone marrow		Hyperplasia, Erythroid
Ear	Canal	Lymphocytic Inflammatory Infiltrate
Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Colon	Parasitism
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Focal
Lung		Pneumonia, Interstitial Chronic
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Preputial gland		Inflammation, Chronic Focal
Prostate		Inflammation, Chronic Suppurative
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Testis	Spermatid	Dysplasia, Nos
		Interstitial-Cell Tumor
Zymbal gland		Carcinoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_042

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Ear	Canal	Lymphocytic Inflammatory Infiltrate
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephrosis, Nos
Liver		Cytoplasmic Change, Eosinophilic
	Bile Duct	Hyperplasia, Nos
Lung		Congestion, Acute
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thymus		Hyperplasia, Epithelial
Unspecified	Thorax	Fibroma
Urinary bladder		Distention

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_043

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Cyst, Nos
Preputial gland		Inflammation, Chronic Focal
Spleen	Red Pulp	Congestion, Acute
	Red Pulp	Fibrosis
	Red Pulp	Hematopoiesis
		Hemosiderosis
	Red Pulp	Metamorphosis, Fatty
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_044

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephrosis, Nos
Liver	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Interstitial Chronic
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Inflammation, Chronic Focal
Spleen	Red Pulp	Fibrosis
	Red Pulp	Hematopoiesis
		Hemosiderosis
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_045

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hematopoiesis
	Medulla	Hyperplasia, Focal
Ear	Canal	Lymphocytic Inflammatory Infiltrate
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephrosis, Nos
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Nasal cavity	Mucosa	Inflammation, Suppurative
	Mucosa	Lymphocytic Inflammatory Infiltrate
Pancreas		Atrophy, Focal
Preputial gland		Adenoma, Nos
		Inflammation, Chronic Suppurative
Spleen	Red Pulp	Hematopoiesis
	Red Pulp	Osteosarcoma
Testis		Interstitial-Cell Tumor
Unspecified		Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_046

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Colon	Distention
Kidney		Nephrosis, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Lymph node	Mesenteric Lymph Node	Hemorrhage
	Mandibular Lymph Node	Hyperplasia, Lymphoid
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Inflammation, Chronic Focal
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Testis	Spermatid	Dysplasia, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_047

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Ear	Canal	Lymphocytic Inflammatory Infiltrate
Heart	Myocardium Nos	Degeneration, Nos
	Atrium	Thrombosis, Nos
Kidney		Nephrosis, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Nasal cavity	Mucosa	Inflammation, Suppurative
	Mucosa	Lymphocytic Inflammatory Infiltrate
Pancreas		Dilatation, Ducts
Parathyroid gland		Hyperplasia, Nos
Prostate		Inflammation, Chronic Suppurative
Spleen	Red Pulp	Fibrosis
	Red Pulp	Hematopoiesis
		Hemosiderosis
	Red Pulp	Metamorphosis, Fatty
Testis	Spermatid	Dysplasia, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_048

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephrosis, Nos
Liver	Centrilobular	Degeneration, Nos
	Bile Duct	Hyperplasia, Nos
Mammary gland	Mammary Duct	Distention
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Prostate		Inflammation, Chronic Suppurative
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
	Red Pulp	Necrosis, Focal
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_049

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Ear	Canal	Lymphocytic Inflammatory Infiltrate
Epididymis		Cytoplasmic Vacuolization
Kidney		Nephrosis, Nos
Liver	Bile Duct	Hyperplasia, Nos
Lymph node	Mesenteric Lymph Node	Hemosiderosis
	Mandibular Lymph Node	Hyperplasia, Focal
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pancreas		Atrophy, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Inflammation, Chronic Focal
Seminal vesicle		Atrophy, Nos
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Testis		Interstitial-Cell Tumor
Unspecified		Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_050

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Blood	Blood Erythrocytes	Reticulocytosis
Bone marrow		Hyperplasia, Erythroid
Intestine Small	Peyers Patch	Hyperplasia, Lymphoid
Kidney		Nephrosis, Nos
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Unspecified		Neurilemoma, Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_001

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Spleen

Red Pulp

Hematopoiesis

Hemosiderosis

Testis

Interstitial-Cell Tumor

Unspecified

Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_002

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Spleen

Red Pulp

Hematopoiesis

Hemosiderosis

Testis

Hyperplasia, Interstitial Cell

Unspecified

Neurilemoma, Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_003

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Epididymis

Intestine Small

Pituitary gland

Spleen

Mesentery Nos

Anterior Pituitary

Red Pulp

Cytoplasmic Vacuolization

Necrosis, Fat

Adenoma, Nos

Hematopoiesis

Hemosiderosis

Leukemia, Mononuclear Cell

Interstitial-Cell Tumor

Testis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_004

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Epididymis

Liver

Spleen

Red Pulp

Testis

Thyroid

Unspecified

Cytoplasmic Vacuolization

Cytoplasmic Change, Basophilic

Hematopoiesis

Hemosiderosis

Interstitial-Cell Tumor

C-Cell Adenoma

Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_005

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Epididymis

Intestine Small

Mammary gland

Salivary gland

Spleen

Testis

Mesentery Nos

Red Pulp

Cytoplasmic Vacuolization

Necrosis, Fat

Fibroadenoma

Neurilemoma, Malignant

Hematopoiesis

Hemosiderosis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_006

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Epididymis

Mammary gland

Spleen

Testis

Red Pulp

Tunica Vaginalis

Cytoplasmic Vacuolization

Fibroadenoma

Hematopoiesis

Hemosiderosis

Interstitial-Cell Tumor

Mesothelioma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_007

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Lung		Alveolar/Bronchiolar Adenoma
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_008

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Seminal vesicle

Spleen

Testis

Red Pulp

Distention

Hematopoiesis

Hemosiderosis

Hyperplasia, Interstitial Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_009

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver	Bile Duct	Hyperplasia, Nos
Mammary gland		Dilatation, Ducts
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hemosiderosis
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_010

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Pituitary gland

Spleen

Testis

Red Pulp

Nephrosis, Nos

Meningioma

Hematopoiesis

Hemosiderosis

Hyperplasia, Interstitial Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_011

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Spleen

Red Pulp

Hematopoiesis

Hemosiderosis

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_012

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Spleen

Red Pulp

Fibrosis

Red Pulp

Hematopoiesis

Hemosiderosis

Red Pulp

Metamorphosis, Fatty

Testis

Interstitial-Cell Tumor

Thyroid

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_013

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephrosis, Nos
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Salivary gland		Carcinoma, Nos
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Testis		Interstitial-Cell Tumor
Unspecified	Scrotum	Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_014

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Seminal vesicle

Spleen

Red Pulp

Testis

Thyroid

Unspecified

Atrophy, Nos

Hematopoiesis

Hemosiderosis

Interstitial-Cell Tumor

Hyperplasia, C Cell

Neurilemoma, Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_015

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver
Spleen

Bile Duct
Red Pulp

Hyperplasia, Nos
Hematopoiesis
Hemosiderosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_016

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Ventricle	Dilatation, Nos
Liver	Bile Duct	Hyperplasia, Nos
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Testis		Interstitial-Cell Tumor
Unspecified		Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_017

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Mesentery Nos	Necrosis, Fat
Lung	Pleura Nos	Adhesion, Fibrous
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Trachea		Neurilemoma, Invasive
Unspecified		Neurilemoma, Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_018

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Dosing Accident

HISTO:

OBSERVATIONS

Lung

Spleen

Red Pulp

Edema, Nos

Hematopoiesis

Hemosiderosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_019

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Epididymis

Liver

Lung

Spleen

Red Pulp

Testis

Unspecified

Multiple Organs Nos

Cytoplasmic Vacuolization

Neoplastic Nodule

Pneumonia, Interstitial Chronic

Hematopoiesis

Hemosiderosis

Interstitial-Cell Tumor

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_020

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart		Sarcoma, Nos, Metastatic
Liver	Bile Duct	Hyperplasia, Nos
Lung		Sarcoma, Nos, Metastatic
Salivary gland		Atrophy, Nos
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Testis		Interstitial-Cell Tumor
Unspecified		Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_021

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Eye

Liver

Prostate

Spleen

Testis

Bile Duct

Red Pulp

Phthisis Bulbi

Hyperplasia, Nos

Adenoma, Nos

Hematopoiesis

Hemosiderosis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_022

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Pheochromocytoma

Kidney

Nephrosis, Nos

Pituitary gland

Anterior Pituitary

Hyperplasia, Nos

Prostate

Histiocytic Sarcoma

Spleen

Red Pulp

Hematopoiesis

Testis

Hemosiderosis

Thyroid

Interstitial-Cell Tumor

Follicular-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_023

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Mesentery Nos

Necrosis, Fat

Kidney

Nephrosis, Nos

Salivary gland

Neurilemoma

Spleen

Red Pulp

Hematopoiesis

Testis

Hemosiderosis

Thyroid

Interstitial-Cell Tumor

C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_024

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Cecum, Colon

Congestion, Nos

Kidney

Nephrosis, Nos

Liver

Bile Duct

Carcinoma, Nos

Necrosis, Nos

Lung

Carcinoma, Nos, Metastatic

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Spleen

Red Pulp

Hematopoiesis

Hemosiderosis

Testis

Interstitial-Cell Tumor

Thyroid

C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_025

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Mesentery Nos

Necrosis, Fat

Skin

Cyst, Epidermal Inclusion

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_026

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Salivary gland

Seminal vesicle

Spleen

Testis

Red Pulp

Cyst, Nos

Atrophy, Nos

Hematopoiesis

Hemosiderosis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_027

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Peritoneum

Pituitary gland

Spleen

Testis

Thyroid

Anterior Pituitary

Red Pulp

Mesothelioma, Nos

Adenoma, Nos

Hematopoiesis

Hemosiderosis

Interstitial-Cell Tumor

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_028

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Spleen

Red Pulp

Congestion, Nos

Red Pulp

Hematopoiesis

Testis

Hemosiderosis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_029

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Lung		Alveolar/Bronchiolar Carcinoma
	Pleural Cavity Nos	Alveolar/Bronchiolar Carcinoma, Metastatic
Mammary gland	Mammary Duct	Distention
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_030

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Mesentery Nos

Necrosis, Fat

Liver

Cytoplasmic Change, Basophilic

Spleen

Red Pulp

Hematopoiesis

Stomach

Forestomach

Hemosiderosis

Testis

Forestomach

Acanthosis

Unspecified

Inflammation, Suppurative

Interstitial-Cell Tumor

Neurilemoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_031

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney

Mammary gland

Spleen

Testis

Red Pulp

Nephrosis, Nos

Fibroadenoma

Hematopoiesis

Hemosiderosis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_032

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Mesentery Nos

Necrosis, Fat

Kidney

Nephrosis, Nos

Skin

Basal-Cell Tumor

Spleen

Red Pulp

Hematopoiesis

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_033

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Epididymis

Mammary gland

Pituitary gland

Spleen

Testis

Anterior Pituitary

Red Pulp

Cytoplasmic Vacuolization

Fibroadenoma

Adenoma, Nos

Hematopoiesis

Hemosiderosis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_034

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Pheochromocytoma

Epididymis

Cytoplasmic Vacuolization

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Spleen

Red Pulp

Hematopoiesis

Stomach

Forestomach

Hemosiderosis

Testis

Forestomach

Acanthosis

Inflammation, Suppurative

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_035

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Mesentery Nos

Necrosis, Fat

Pituitary gland

Anterior Pituitary

Hyperplasia, Nos

Spleen

Red Pulp

Hematopoiesis

Testis

Hemosiderosis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_036

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephrosis, Nos

Liver

Cytoplasmic Change, Basophilic

Pituitary gland

Anterior Pituitary

Congestion, Nos

Spleen

Red Pulp

Hematopoiesis

Testis

Hemosiderosis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_037

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephrosis, Nos
Liver		Cytoplasmic Change, Basophilic
Preputial gland		Adenoma, Nos
Spleen	Red Pulp	Fibrosis
	Red Pulp	Hematopoiesis
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_038

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Seminal vesicle

Spleen

Testis

Thyroid

Red Pulp

Atrophy, Nos

Hematopoiesis

Hemosiderosis

Interstitial-Cell Tumor

C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_039

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Epididymis		Cytoplasmic Vacuolization
Intestine Small	Mesentery Nos	Necrosis, Fat
Kidney		Nephrosis, Nos
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_040

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Spleen

Red Pulp

Hematopoiesis

Hemosiderosis

Testis

Hyperplasia, Interstitial Cell

Interstitial-Cell Tumor

Tongue

Papilloma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_041

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Mammary gland

Mammary Duct

Distention

Spleen

Red Pulp

Hematopoiesis

Hemosiderosis

Leukemia, Mononuclear Cell

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_042

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Epididymis		Cytoplasmic Vacuolization
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Retention Of Content
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Testis		Interstitial-Cell Tumor
Unspecified		Neurilemoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_043

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Seminal vesicle

Spleen

Testis

Red Pulp

Atrophy, Nos

Hematopoiesis

Hemosiderosis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_044

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney

Spleen

Testis

Red Pulp

Nephrosis, Nos

Hematopoiesis

Hemosiderosis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_045

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephrosis, Nos
Mammary gland	Mammary Duct	Distention
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Retention Of Content
Salivary gland		Atrophy, Focal
Skin		Keratoacanthoma
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_046

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Dosing Accident

HISTO:

OBSERVATIONS

Lung

Spleen

Red Pulp

Congestion, Nos

Hematopoiesis

Hemosiderosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_047

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Epididymis

Intestine Small

Kidney

Spleen

Testis

Thyroid

Mesentery Nos

Red Pulp

Cytoplasmic Vacuolization

Necrosis, Fat

Nephrosis, Nos

Hematopoiesis

Hemosiderosis

Interstitial-Cell Tumor

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_048

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Epididymis

Heart

Preputial gland

Spleen

Testis

Atrium

Red Pulp

Cytoplasmic Vacuolization

Mesothelioma, Nos

Retention Of Content

Hematopoiesis

Hemosiderosis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_049

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephrosis, Nos
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Stomach	Forestomach	Acanthosis
	Forestomach	Ulcer, Chronic
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_050

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Epididymis

Liver

Salivary gland

Spleen

Testis

Unspecified

Bile Duct

Red Pulp

Multiple Organs Nos

Cytoplasmic Vacuolization

Hyperplasia, Nos

Atrophy, Focal

Hematopoiesis

Hemosiderosis

Interstitial-Cell Tumor

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_001

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Ear	Canal	Lymphocytic Inflammatory Infiltrate
Epididymis		Cytoplasmic Vacuolization
Eye		Cataract
	Retina	Degeneration, Nos
Intestine Large	Colon	Distention
	Colon	Parasitism
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver		Clear-Cell Change
		Cytoplasmic Change, Basophilic
		Cytoplasmic Change, Eosinophilic
	Bile Duct	Hyperplasia, Nos
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Preputial gland		Inflammation, Chronic Suppurative
Seminal vesicle		Atrophy, Nos
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Testis	Spermatid	Dysplasia, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_002

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Ear	Canal	Lymphocytic Inflammatory Infiltrate
Intestine Large	Colon	Distention
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver	Centrilobular	Degeneration, Nos
	Bile Duct	Hyperplasia, Nos
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Parathyroid gland		Adenoma, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Preputial gland		Inflammation, Chronic Focal
Salivary gland		Atrophy, Focal
Spleen	Red Pulp	Congestion, Nos
	Red Pulp	Hematopoiesis
		Hemosiderosis
Testis		Interstitial-Cell Tumor
Unspecified	Neck	Granulation Tissue
	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_003

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Ear	Canal	Lymphocytic Inflammatory Infiltrate
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver		Clear-Cell Change
		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Preputial gland		Adenoma, Nos
		Inflammation, Chronic Focal
Prostate		Inflammation, Chronic Suppurative
Spleen	Red Pulp	Congestion, Nos
	Red Pulp	Hematopoiesis
		Hemosiderosis
Testis		Interstitial-Cell Tumor
Urinary bladder		Distention

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_004

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Erythroid
Intestine Small	Mesentery Nos	Necrosis, Fat
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Nos
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Cyst, Nos
Preputial gland		Adenoma, Nos
Spleen	Red Pulp	Hematopoiesis
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_005

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
Ear	Canal	Lymphocytic Inflammatory Infiltrate
Epididymis		Cytoplasmic Vacuolization
Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Colon	Parasitism
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Preputial gland		Inflammation, Chronic Focal
Spleen	Red Pulp	Congestion, Nos
	Red Pulp	Hematopoiesis
		Hemosiderosis
Testis	Spermatid	Dysplasia, Nos
		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_006

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Epididymis		Cytoplasmic Vacuolization
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephrosis, Nos
Liver	Bile Duct	Hyperplasia, Nos
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Preputial gland		Inflammation, Chronic Focal
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_007

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Lymph node

Spleen

Mesenteric Lymph Node

Red Pulp

Congestion, Acute

Hyperplasia, Diffuse

Hematopoiesis

Hemosiderosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_008

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Liver		Focal Cellular Change
Lung		Congestion, Acute
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Prostate		Inflammation, Chronic Suppurative
Salivary gland		Neurilemoma
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_009

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Epididymis		Cytoplasmic Vacuolization
Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Colon	Distention
Kidney		Nephrosis, Nos
Liver		Cytoplasmic Change, Basophilic
		Cytoplasmic Change, Eosinophilic
		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Lung		Congestion, Nos
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Inflammation, Chronic Focal
Seminal vesicle		Atrophy, Nos
Skin		Squamous Cell Carcinoma
Spleen	Red Pulp	Fibrosis
	Red Pulp	Hematopoiesis
		Hemosiderosis
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
		Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_010

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Intestine Large	Colon	Distention
Kidney		Nephrosis, Nos
Liver	Centrilobular	Degeneration, Nos
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Preputial gland		Inflammation, Chronic Focal
Prostate		Inflammation, Chronic Suppurative
Spleen	Red Pulp	Congestion, Nos
		Hemosiderosis
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Unspecified	Neck	Granulation Tissue
	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_011

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Ear	Canal	Lymphocytic Inflammatory Infiltrate
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Tubule	Pigmentation, Nos
Liver		Hematopoiesis
Lung	Bronchus	Inflammation, Suppurative
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Prostate		Inflammation, Chronic Suppurative
Spleen	Red Pulp	Congestion, Nos
	Red Pulp	Hematopoiesis
		Hemosiderosis
Stomach	Forestomach	Acanthosis
	Forestomach	Hyperkeratosis
	Forestomach	Inflammation, Suppurative
Testis		Interstitial-Cell Tumor
Tongue		Squamous Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_012

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Cyst, Nos
Blood	Blood Erythrocytes	Normoblastosis
	Blood Erythrocytes	Reticulocytosis
Bone marrow		Hyperplasia, Granulocytic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver	Centrilobular	Degeneration, Nos
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Mammary gland		Fibroadenoma
		Hyperplasia, Nos
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pancreas		Atrophy, Focal
	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Inflammation, Chronic Focal
Prostate		Inflammation, Chronic Suppurative
Spleen	Red Pulp	Congestion, Acute
	Red Pulp	Fibrosis
	Red Pulp	Hematopoiesis
		Hemosiderosis
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_013

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
	Medulla	Hyperplasia, Nos
	Medulla	Pheochromocytoma
Epididymis		Cytoplasmic Vacuolization
Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Colon	Distention
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Seminal vesicle		Atrophy, Nos
Spleen	Red Pulp	Congestion, Acute
	Red Pulp	Hematopoiesis
		Hemosiderosis
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified		Fibroma
	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_014

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Ear	Canal	Lymphocytic Inflammatory Infiltrate
Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Mesentery Nos	Necrosis, Fat
Kidney		Nephrosis, Nos
Liver	Bile Duct	Hyperplasia, Focal
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pancreas		Atrophy, Focal
Preputial gland		Inflammation, Chronic
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_015

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Ear	Canal	Lymphocytic Inflammatory Infiltrate
Heart	Myocardium Nos	Degeneration, Nos
Liver	Centrilobular	Degeneration, Nos
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Prostate		Inflammation, Chronic Suppurative
Spleen	Red Pulp	Hematopoiesis
Testis		Interstitial-Cell Tumor
Unspecified	Abdominal Cavity	Mesothelioma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_016

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Ear	Canal	Lymphocytic Inflammatory Infiltrate
Kidney		Nephrosis, Nos
Liver	Bile Duct	Hyperplasia, Nos
Lymph node	Mediastinal Lymph Node	Hemorrhage
	Mandibular Lymph Node	Hyperplasia, Lymphoid
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Seminal vesicle		Atrophy, Nos
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_017

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Ear	Canal	Lymphocytic Inflammatory Infiltrate
Epididymis		Cytoplasmic Vacuolization
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephrosis, Nos
Liver	Bile Duct	Hyperplasia, Nos
Lymph node	Pancreatic Lymph Node	Hyperplasia, Lymphoid
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Hyperplasia, Focal
Preputial gland		Inflammation, Chronic Focal
Spleen	Red Pulp	Congestion, Nos
	Red Pulp	Hematopoiesis
		Hemosiderosis
Testis	Spermatid	Dysplasia, Nos
		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
Urinary bladder		Distention

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_018

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Bone marrow		Hyperplasia, Erythroid
Ear	Canal	Lymphocytic Inflammatory Infiltrate
Epididymis		Cytoplasmic Vacuolization
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephrosis, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Testis		Interstitial-Cell Tumor
Unspecified		Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_019

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Ear	Canal	Lymphocytic Inflammatory Infiltrate
Epididymis		Cytoplasmic Vacuolization
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephrosis, Nos
Liver		Cytoplasmic Change, Basophilic
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pancreas		Periarteritis
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Preputial gland		Inflammation, Chronic Suppurative
Prostate		Inflammation, Chronic Suppurative
Spleen	Red Pulp	Fibrosis
	Red Pulp	Hematopoiesis
		Hemosiderosis
Testis		Interstitial-Cell Tumor
Tongue		Papilloma, Nos
Urinary bladder		Distention

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_020

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Ear	Canal	Lymphocytic Inflammatory Infiltrate
Epididymis		Cytoplasmic Vacuolization
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephrosis, Nos
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Nasal cavity	Mucosa	Inflammation, Suppurative
	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Preputial gland		Inflammation, Chronic Focal
Spleen	Red Pulp	Congestion, Nos
	Red Pulp	Hematopoiesis
		Hemosiderosis
Testis		Interstitial-Cell Tumor
Urinary bladder		Distention

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_021

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Epididymis		Cytoplasmic Vacuolization
Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Colon	Distention
Intestine Small	Mesentery Nos	Necrosis, Fat
Kidney		Nephrosis, Nos
Liver		Cytoplasmic Change, Basophilic
Lymph node	Mediastinal Lymph Node	Hyperplasia, Focal
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Preputial gland		Inflammation, Chronic Focal
Spleen	Red Pulp	Congestion, Acute
	Red Pulp	Hematopoiesis
		Hemosiderosis
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
Unspecified		Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_022

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Ear	Canal	Lymphocytic Inflammatory Infiltrate
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephrosis, Nos
Liver		Cytoplasmic Change, Basophilic
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Inflammation, Chronic Focal
Spleen	Red Pulp	Congestion, Acute
	Red Pulp	Hematopoiesis
		Hemosiderosis
Testis		Interstitial-Cell Tumor
Thyroid		Follicular-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_023

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Ear	Canal	Lymphocytic Inflammatory Infiltrate
Heart	Myocardium Nos	Inflammation, Granulomatous Focal
Intestine Large	Colon	Distention
Intestine Small	Mesentery Nos	Necrosis, Fat
Kidney		Lymphocytic Inflammatory Infiltrate
		Nephrosis, Nos
Liver	Bile Duct	Hyperplasia, Nos
Mammary gland	Mammary Duct	Distention
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Adenocarcinoma, Nos
		Inflammation, Chronic Focal
Prostate		Inflammation, Chronic Suppurative
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Testis	Spermatid	Dysplasia, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_024

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
	Medulla	Pheochromocytoma
Ear	Canal	Lymphocytic Inflammatory Infiltrate
Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Colon	Distention
Kidney		Nephrosis, Nos
Liver	Centrilobular	Degeneration, Nos
	Bile Duct	Hyperplasia, Nos
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Mammary gland		Hyperplasia, Nos
Nasal cavity	Mucosa	Inflammation, Suppurative
	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Inflammation, Chronic Focal
Spleen	Red Pulp	Congestion, Acute
		Hemosiderosis
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_025

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Ear	Canal	Lymphocytic Inflammatory Infiltrate
Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Colon	Distention
Kidney		Nephrosis, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Lung	Alveoli	Inflammation, Interstitial
Lymph node	Mediastinal Lymph Node	Hemorrhage
	Mandibular Lymph Node	Hyperplasia, Diffuse
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Preputial gland		Inflammation, Chronic Focal
Prostate		Inflammation, Chronic Suppurative
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_027

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Ear	Canal	Lymphocytic Inflammatory Infiltrate
Epididymis		Cytoplasmic Vacuolization
Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Colon	Distention
Kidney		Nephrosis, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Inflammation, Chronic Focal
Prostate		Inflammation, Suppurative
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Testis	Spermatid	Dysplasia, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_028

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Intestine Large	Colon	Distention
Kidney		Nephrosis, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Focal
Mammary gland	Mammary Duct	Distention
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pancreas		Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Preputial gland		Inflammation, Chronic Focal
Prostate		Inflammation, Chronic Suppurative
Salivary gland		Focal Cellular Change
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_029

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Bone marrow		Hyperplasia, Erythroid
Ear	Canal	Lymphocytic Inflammatory Infiltrate
Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Peyers Patch	Hyperplasia, Lymphoid
Kidney		Nephrosis, Nos
Liver		Cytoplasmic Change, Basophilic Hematopoiesis
	Bile Duct	Hyperplasia, Nos
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Inflammation, Chronic Focal
Spleen	Red Pulp	Congestion, Nos
	Red Pulp	Hematopoiesis
		Hemosiderosis
Testis		Hyperplasia, Interstitial Cell Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_030

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Blood	Blood Erythrocytes	Normoblastosis
Bone marrow		Hyperplasia, Granulocytic
Epididymis		Cytoplasmic Vacuolization
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver	Centrilobular	Degeneration, Nos
	Bile Duct	Hyperplasia, Nos
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
	Mediastinal Lymph Node	Hyperplasia, Lymphoid
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Prostate		Inflammation, Chronic Suppurative
Salivary gland		Atrophy, Focal
Spleen	Red Pulp	Congestion, Nos
	Red Pulp	Hematopoiesis
		Hemosiderosis
Testis		Interstitial-Cell Tumor
Thyroid		Follicular-Cell Adenoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_031

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma, Malignant
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephrosis, Nos
Liver	Periportal	Degeneration, Nos
		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Lung		Pheochromocytoma, Metastatic
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Mammary gland		Adenocarcinoma, Nos
Nasal cavity	Mucosa	Inflammation, Suppurative
	Mucosa	Lymphocytic Inflammatory Infiltrate
Preputial gland		Inflammation, Chronic Focal
Spleen	Red Pulp	Congestion, Acute
	Red Pulp	Hematopoiesis
		Hemosiderosis
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_032

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Ear	Canal	Lymphocytic Inflammatory Infiltrate
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephrosis, Nos
Liver	Centrilobular	Congestion, Acute
		Cytoplasmic Change, Basophilic
		Cytoplasmic Change, Eosinophilic
	Bile Duct	Hyperplasia, Nos
Lung		Congestion, Acute
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Preputial gland		Inflammation, Chronic Focal
Spleen	Red Pulp	Fibrosis
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_033

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Ear	Canal	Lymphocytic Inflammatory Infiltrate
Epididymis		Cytoplasmic Vacuolization
Kidney		Nephrosis, Nos
Liver	Centrilobular	Degeneration, Nos
	Bile Duct	Hyperplasia, Nos
		Necrosis, Coagulative
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pancreas		Atrophy, Focal
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Inflammation, Chronic Focal
Prostate		Inflammation, Chronic Suppurative
Salivary gland		Atrophy, Focal
Spleen	Red Pulp	Hematopoiesis
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_034

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Ear	Canal	Lymphocytic Inflammatory Infiltrate
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephrosis, Nos
Liver		Cytoplasmic Change, Basophilic
Mammary gland		Fibroadenoma
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Preputial gland		Inflammation, Chronic Suppurative
Seminal vesicle		Atrophy, Nos
Spleen	Red Pulp	Congestion, Nos
	Red Pulp	Hematopoiesis
		Hemosiderosis
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_035

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Epididymis		Cytoplasmic Vacuolization
Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Jejunum	Adenoma, Nos
Kidney		Nephrosis, Nos
Liver	Bile Duct	Hyperplasia, Focal
Lymph node	Mesenteric Lymph Node	Cyst, Nos
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pancreas		Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Prostate		Inflammation, Suppurative
Spleen	Red Pulp	Fibrosis
	Red Pulp	Hematopoiesis
		Hemosiderosis
Stomach	Forestomach	Acanthosis
	Submucosa	Inflammation, Chronic
	Forestomach	Inflammation, Suppurative
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_036

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Bone marrow		Hyperplasia, Diffuse
Brain	Stem	Hemorrhage
Ear	Canal	Lymphocytic Inflammatory Infiltrate
Intestine Small	Peyers Patch	Hyperplasia, Lymphoid
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver	Centrilobular	Degeneration, Nos
	Bile Duct	Hyperplasia, Nos
Lymph node	Mediastinal Lymph Node	Hyperplasia, Lymphoid
	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Preputial gland		Inflammation, Chronic Focal
Spleen	Red Pulp	Congestion, Acute
		Hemosiderosis
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_037

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Ear	Canal	Lymphocytic Inflammatory Infiltrate
Epididymis		Cytoplasmic Vacuolization
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Nasal cavity	Mucosa	Infection, Fungal
	Mucosa	Inflammation, Suppurative
	Mucosa	Lymphocytic Inflammatory Infiltrate
Preputial gland		Inflammation, Chronic Focal
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_038

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Epididymis		Cytoplasmic Vacuolization
Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Colon	Distention
Kidney		Nephrosis, Nos
Liver		Cytoplasmic Change, Basophilic
Lymph node	Mandibular Lymph Node	Hyperplasia, Diffuse
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Preputial gland		Inflammation, Chronic Suppurative
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Testis		Interstitial-Cell Tumor
Unspecified		Neurilemoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_039

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Epididymis		Cytoplasmic Vacuolization
Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Colon	Distention
	Colon	Parasitism
Kidney		Nephrosis, Nos
Liver		Focal Cellular Change
		Hematopoiesis
	Bile Duct	Hyperplasia, Nos
Lung		Alveolar/Bronchiolar Carcinoma
		Pneumonia, Interstitial Chronic
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pancreas		Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Inflammation, Chronic Focal
Spleen	Red Pulp	Congestion, Nos
	Red Pulp	Hematopoiesis
		Hemosiderosis
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_040

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Liver	Centrilobular	Congestion, Acute
Lung		Congestion, Acute
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_041

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Bone marrow		Hyperplasia, Erythroid
Ear	Canal	Lymphocytic Inflammatory Infiltrate
Epididymis		Cytoplasmic Vacuolization
Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Colon	Distention
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pancreas	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Preputial gland		Inflammation, Chronic Focal
Skin		Keratoacanthoma
Spleen	Red Pulp	Congestion, Nos
	Red Pulp	Hematopoiesis
		Hemosiderosis
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_042

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Hematopoiesis
	Medulla	Pheochromocytoma
Blood	Blood Erythrocytes	Normoblastosis
	Blood Erythrocytes	Reticulocytosis
Bone marrow		Hyperplasia, Granulocytic
Ear	Canal	Lymphocytic Inflammatory Infiltrate
Epididymis		Cytoplasmic Vacuolization
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Nos
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Cyst, Nos
	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Adenoma, Nos
		Inflammation, Chronic Suppurative
Prostate		Inflammation, Chronic Suppurative
Spleen	Red Pulp	Hematopoiesis
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_043

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Ear	Canal	Lymphocytic Inflammatory Infiltrate
Epididymis		Cytoplasmic Vacuolization
Intestine Large	Colon	Distention
Kidney		Nephrosis, Nos
Liver		Cytoplasmic Vacuolization
Lung		Inflammation, Interstitial
Lymph node	Renal Lymph Node	Cyst, Nos
	Mandibular Lymph Node	Hyperplasia, Lymphoid
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Preputial gland		Inflammation, Suppurative
Spleen	Red Pulp	Congestion, Nos
	Red Pulp	Hematopoiesis
		Hemosiderosis
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_044

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Ear	Canal	Lymphocytic Inflammatory Infiltrate
Epididymis		Cytoplasmic Vacuolization
Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Peyers Patch	Hyperplasia, Lymphoid
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Vacuolization
		Hematopoiesis
	Bile Duct	Hyperplasia, Nos
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Adenoma, Nos
		Inflammation, Chronic Focal
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_045

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Peyers Patch	Hyperplasia, Lymphoid
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Nos
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Peritoneum	Peritoneal Cavity Nos	Mesothelioma, Invasive
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Inflammation, Chronic Suppurative
Prostate		Inflammation, Chronic Suppurative
Seminal vesicle		Atrophy, Nos
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Testis		Interstitial-Cell Tumor
	Tunica Vaginalis	Mesothelioma, Malignant
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_046

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Blood	Blood Erythrocytes	Reticulocytosis
Bone marrow		Hyperplasia, Erythroid
Epididymis		Cytoplasmic Vacuolization
Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Colon	Parasitism
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Nos
Lymph node	Mandibular Lymph Node	Plasmacytosis
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Inflammation, Chronic Focal
		Retention Of Content
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_047

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Ear	Canal	Lymphocytic Inflammatory Infiltrate
Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Peyers Patch	Hyperplasia, Lymphoid
Kidney		Nephrosis, Nos
Liver	Centrilobular	Congestion, Acute
		Cytoplasmic Change, Basophilic
		Hepatocellular Carcinoma
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Mammary gland	Mammary Duct	Distention
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Hemorrhage
Preputial gland		Inflammation, Chronic Focal
Prostate		Inflammation, Chronic Suppurative
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Urinary bladder		Distention

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_048

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Ear	Canal	Lymphocytic Inflammatory Infiltrate
Eye	Cornea	Inflammation, Chronic
Kidney		Nephrosis, Nos
Liver	Centrilobular	Degeneration, Nos
	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Nos
Nasal cavity	Mucosa	Inflammation, Suppurative
	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Inflammation, Chronic Focal
Spleen		Hemosiderosis
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thyroid		C-Cell Carcinoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Zymbal gland		Carcinoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_049

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Ear	Canal	Lymphocytic Inflammatory Infiltrate
Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Colon	Distention
Kidney		Nephrosis, Nos
Liver		Cytoplasmic Change, Basophilic
		Cytoplasmic Change, Eosinophilic
	Bile Duct	Hyperplasia, Nos
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pancreas		Atrophy, Focal
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Spleen	Red Pulp	Congestion, Nos
	Red Pulp	Hematopoiesis
		Hemosiderosis
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56428

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N-Dimethylaniline

CAS Number: 121-69-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:19

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_050

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Bone marrow		Hyperplasia, Erythroid
Ear	Canal	Lymphocytic Inflammatory Infiltrate
Epididymis		Cytoplasmic Vacuolization
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephrosis, Nos
Liver	Bile Duct	Hyperplasia, Nos
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Peritoneum	Peritoneal Cavity Nos	Mesothelioma, Invasive
Preputial gland		Inflammation, Chronic Focal
Prostate		Inflammation, Chronic Suppurative
Spleen	Red Pulp	Hematopoiesis
Testis		Interstitial-Cell Tumor
Thyroid	Tunica Vaginalis	Mesothelioma, Malignant C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

** END OF REPORT **

* PROTOCOL REQUIRED TISSUE