

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: 14:44:15

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: Female

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: 14:44:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_001

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Ear	Canal	Lymphocytic Inflammatory Infiltrate
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver		Clear-Cell Change
		Cytoplasmic Change, Basophilic
Lymph node	Mandibular Lymph Node	Hyperplasia, Diffuse
Mammary gland	Mammary Duct	Distention
		Fibroadenoma
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Uterus		Hydrometra

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: 14:44:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_002

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Liver

Cortex Nos
Tubule

Hyperplasia, Focal
Pigmentation, Nos
Cytoplasmic Change, Basophilic
Inflammation, Chronic Focal

Lymph node

Mandibular Lymph Node
Mesenteric Lymph Node

Hyperplasia, Lymphoid
Hyperplasia, Lymphoid

Mammary gland

Fibroadenoma

Nasal cavity

Mucosa

Lymphocytic Inflammatory Infiltrate

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: 14:44:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_003

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland		Inflammation, Chronic Suppurative
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
		Inflammation, Chronic Focal
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Mammary gland		Fibroadenoma
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pancreas		Atrophy, Nos
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Urinary bladder		Distention
Uterus		Pyometra

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: 14:44:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_004

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Blood	Blood Erythrocytes	Reticulocytosis
Bone marrow		Hyperplasia, Granulocytic
Clitoral gland		Adenoma, Nos
Ear	Canal	Lymphocytic Inflammatory Infiltrate
Intestine Small	Mesentery Nos	Necrosis, Fat
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
Lung		Hyperplasia, Alveolar Epithelium
Mammary gland	Mammary Duct	Distention
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Salivary gland		Atrophy, Focal
Skin	Vulva Nos	Inflammation, Suppurative
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Uterus	Cervix Uteri	Cyst, Epidermal Inclusion

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: 14:44:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_005

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland		Inflammation, Chronic Suppurative
Ear	Canal	Lymphocytic Inflammatory Infiltrate
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
		Inflammation, Chronic Focal
Mammary gland	Mammary Duct	Distention
		Fibroadenoma
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
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: 14:44:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_006

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland		Inflammation, Chronic Suppurative
Ear	Canal	Lymphocytic Inflammatory Infiltrate
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
Mammary gland		Fibroadenoma
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Stomach	Mucosa	Fibrosis

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: 14:44:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_007

TRT#: 1

SEX: Female

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
Intestine Large	Colon	Distention
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver		Clear-Cell Change
		Cytoplasmic Change, Basophilic
		Inflammation, Chronic Focal
Mammary gland	Mammary Duct	Distention
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
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: 14:44:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_008

TRT#: 1

SEX: Female

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
	Tubule	Pigmentation, Nos
Liver		Clear-Cell Change
		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
		Inflammation, Chronic Focal
Mammary gland		Fibroadenoma
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pancreas		Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Stomach	Forestomach	Acanthosis
Uterus		Hydrometra

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: 14:44:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_009

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Granulocytic
Ear	Canal	Lymphocytic Inflammatory Infiltrate
Intestine Small	Peyers Patch	Hyperplasia, Lymphoid
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
		Inflammation, Chronic Focal
Mammary gland	Mammary Duct	Distention
		Fibroadenoma
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Angiectasis
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Stomach	Mucosa	Fibrosis
Unspecified		Neurilemoma, Malignant
Uterus		Hematometra

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: 14:44:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_010

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Blood	Blood Erythrocytes	Normoblastosis
Clitoral gland		Inflammation, Chronic Suppurative
Ear	Canal	Lymphocytic Inflammatory Infiltrate
Kidney	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Stomach	Forestomach	Acanthosis
	Forestomach	Hyperkeratosis

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: 14:44:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_011

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow

Hyperplasia, Erythroid

Ear

Canal

Hyperplasia, Granulocytic

Intestine Small

Mesentery Nos

Lymphocytic Inflammatory Infiltrate

Kidney

Tubule

Necrosis, Fat

Liver

Pigmentation, Nos

Lymph node

Mandibular Lymph Node

Cytoplasmic Change, Basophilic

Mammary gland

Hyperplasia, Lymphoid

Nasal cavity

Mucosa

Adenocarcinoma, Nos

Pituitary gland

Anterior Pituitary

Lymphocytic Inflammatory Infiltrate

Salivary gland

Adenoma, Nos

Spleen

Red Pulp

Atrophy, Focal

Thyroid

Hematopoiesis

Hemosiderosis

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: 14:44:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_012

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Ear	Canal	Lymphocytic Inflammatory Infiltrate
Intestine Small	Mesentery Nos	Necrosis, Fat
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
		Inflammation, Chronic Focal
Mammary gland	Mammary Duct	Distention
		Fibroadenoma
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Stomach	Mucosa	Fibrosis
Uterus	Cervix Uteri	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: 14:44:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_013

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Ear	Canal	Lymphocytic Inflammatory Infiltrate
Kidney	Tubule	Pigmentation, Nos
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
Mammary gland		Fibroadenoma
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Uterus		Endometrial Stromal Polyp

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: 14:44:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_014

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
		Inflammation, Chronic Focal
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Mammary gland		Fibroadenoma
Pancreas		Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Salivary gland		Sarcoma, Nos
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Uterus		Endometrial Stromal Polyp

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: 14:44:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_015

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Ear	Canal	Lymphocytic Inflammatory Infiltrate
Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Colon	Adenomatous Polyp, Nos
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
		Inflammation, Chronic Focal
Mammary gland		Fibroadenoma
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Cyst, Nos
	Anterior Pituitary	Hyperplasia, Focal
Spleen	Red Pulp	Fibrosis
	Red Pulp	Hematopoiesis
		Hemosiderosis
Urinary bladder		Hyperplasia, Epithelial

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: 14:44:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_016

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Uterus		Endometrial Stromal Polyp

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: 14:44:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_017

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Erythroid
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
		Inflammation, Chronic Focal
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Cyst, Nos
Spleen		Congestion, Nos
	Red Pulp	Hematopoiesis
		Hemosiderosis
Stomach	Mucosa	Fibrosis

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: 14:44:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_018

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Granulocytic
Ear	Canal	Lymphocytic Inflammatory Infiltrate
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
Mammary gland	Mammary Duct	Distention
		Fibroadenoma
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pancreas		Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Unspecified		Fibrosarcoma

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: 14:44:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_019

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Clitoral gland		Adenoma, Nos
Ear	Canal	Lymphocytic Inflammatory Infiltrate
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
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	Angiectasis
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Stomach	Mucosa	Fibrosis
Uterus		Hydrometra

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: 14:44:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_020

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Erythroid
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver	Centrilobular	Congestion, Acute
		Cytoplasmic Change, Basophilic
		Inflammation, Chronic Focal
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Mammary gland	Mammary Duct	Distention
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Ovary		Cyst, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
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: 14:44:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_021

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Ear	Canal	Lymphocytic Inflammatory Infiltrate
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
		Inflammation, Chronic Focal
Mammary gland		Adenocarcinoma, Nos
	Mammary Duct	Distention
		Fibroadenoma
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Uterus		Hydrometra

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: 14:44:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_022

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Ear	Canal	Lymphocytic Inflammatory Infiltrate
Intestine Large	Colon	Distention
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver		Clear-Cell Change
	Bile Duct	Cytoplasmic Change, Basophilic
		Hyperplasia, Nos
		Inflammation, Chronic Focal
Lung		Pneumonia, Interstitial Chronic
Mammary gland	Mammary Duct	Distention
		Fibroadenoma
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pancreas		Atrophy, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Salivary gland		Atrophy, Focal
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Stomach	Forestomach	Acanthosis
	Mucosa	Fibrosis
Uterus		Hydrometra

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: 14:44:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_023

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Clitoral gland		Adenoma, Nos
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver		Clear-Cell Change
		Cytoplasmic Change, Basophilic
		Inflammation, Chronic Focal
Mammary gland	Mammary Duct	Distention
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Ovary		Cyst, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Spleen	Red Pulp	Congestion, Nos
	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: 14:44:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_024

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Liver

Medulla
Tubule

Hyperplasia, Focal
Pigmentation, Nos
Cytoplasmic Change, Basophilic
Inflammation, Chronic Focal

Lung
Mammary gland
Nasal cavity
Pituitary gland
Spleen

Mammary Duct
Mucosa
Anterior Pituitary
Red Pulp
Red Pulp

Congestion, Acute
Distention
Lymphocytic Inflammatory Infiltrate
Adenoma, Nos
Congestion, Nos
Hematopoiesis
Hemosiderosis
Endometrial Stromal Polyp

Uterus

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: 14:44:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_025

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Brain		Oligodendroglioma
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
		Inflammation, Chronic Focal
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Mammary gland		Adenocarcinoma, Nos
		Fibroadenoma
		Hyperplasia, Nos
Nasal cavity	Mucosa	Inflammation, Suppurative
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Uterus		Endometrial Stromal Polyp

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: 14:44:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_026

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Pheochromocytoma, Malignant

Kidney

Tubule

Pigmentation, Nos

Liver

Cytoplasmic Change, Basophilic

Inflammation, Chronic Focal

Lung

Congestion, Nos

Hemorrhage

Mammary gland

Fibroadenoma

Nasal cavity

Mucosa

Lymphocytic Inflammatory Infiltrate

Ovary

Cyst, Nos

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: 14:44:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_027

TRT#: 1

SEX: Female

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	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Hyperplasia, 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: 14:44:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_028

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Blood	Blood Erythrocytes	Normoblastosis
	Blood Erythrocytes	Reticulocytosis
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Stomach	Forestomach	Acanthosis
	Forestomach	Hyperkeratosis
	Forestomach	Inflammation, Suppurative
Urinary bladder		Hyperplasia, Adenomatous
Uterus		Hematometra

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: 14:44:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_029

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Spleen		Congestion, Nos
	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: 14:44:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_030

TRT#: 1

SEX: Female

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
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
		Inflammation, Chronic Focal
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pancreas		Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Thyroid		C-Cell Carcinoma
Uterus		Hydrometra

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: 14:44:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_031

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Intestine Small	Mesentery Nos	Necrosis, Fat
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
		Inflammation, Chronic Focal
Lung		Proteinosis, Alveolar
Mammary gland	Mammary Duct	Distention
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Thyroid		Hyperplasia, C Cell
Uterus	Endometrium	Hyperplasia, Cystic

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: 14:44:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_032

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Clitoral gland		Inflammation, Chronic Suppurative
Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Peyers Patch	Hyperplasia, Lymphoid
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
		Inflammation, Chronic Focal
Lymph node	Mandibular Lymph Node	Hyperplasia, Diffuse
Mammary gland	Mammary Duct	Distention
		Fibroadenoma
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Salivary gland		Atrophy, Focal
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Stomach	Forestomach	Acanthosis
	Forestomach	Inflammation, Suppurative
Uterus		Endometrial Stromal Polyp
		Hydrometra

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: 14:44:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_033

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Ear	Canal	Lymphocytic Inflammatory Infiltrate
Intestine Large	Colon	Parasitism
Kidney	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
		Inflammation, Chronic Focal
Lung		Inflammation, Interstitial
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Mammary gland		Fibroadenoma
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Ovary		Cyst, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Spleen	Red Pulp	Congestion, Nos
	Red Pulp	Hematopoiesis
		Hemosiderosis
Stomach	Forestomach	Acanthosis
	Mucosa	Fibrosis
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: 14:44:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_034

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland		Inflammation, Suppurative
Ear	Canal	Lymphocytic Inflammatory Infiltrate
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
Lymph node	Mesenteric Lymph Node	Hemorrhage
Mammary gland		Fibroadenoma
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Spleen	Red Pulp	Congestion, Nos
	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: 14:44:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_035

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Ear	Canal	Lymphocytic Inflammatory Infiltrate
Intestine Small	Mesentery Nos	Necrosis, Fat
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
		Inflammation, Chronic Focal
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Mammary gland	Mammary Duct	Distention
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
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: 14:44:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_036

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
	Medulla	Pheochromocytoma
	Medulla	Pheochromocytoma, Malignant
Blood	Blood Erythrocytes	Normoblastosis
Clitoral gland		Inflammation, Chronic Suppurative
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
Mammary gland	Mammary Duct	Distention
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Stomach	Forestomach	Acanthosis
	Forestomach	Hyperkeratosis

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: 14:44:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_037

TRT#: 1

SEX: Female

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
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
		Necrosis, Focal
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Mammary gland		Fibroadenoma
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Stomach	Mucosa	Fibrosis
Uterus		Endometrial Stromal Polyp

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: 14:44:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_038

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
	Medulla	Hyperplasia, Focal
Intestine Large	Colon	Distention
Intestine Small	Mesentery Nos	Necrosis, Fat
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
		Inflammation, Chronic Focal
Mammary gland	Mammary Duct	Distention
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Hyperplasia, 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: 14:44:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_039

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney	Tubule	Nephrosis, Nos Pigmentation, Nos
Liver	Bile Duct	Cytoplasmic Change, Basophilic Hyperplasia, Nos
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pancreas	Anterior Pituitary	Atrophy, Focal Adenoma, Nos
Pituitary gland	Red Pulp	Hematopoiesis Hemosiderosis
Spleen	Forestomach	Acanthosis 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: 14:44:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_040

TRT#: 1

SEX: Female

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	Parasitism
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
		Inflammation, Chronic Focal
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Mammary gland		Fibroadenoma
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Spleen	Red Pulp	Congestion, Nos
	Red Pulp	Hematopoiesis
		Hemosiderosis
Uterus		Endometrial Stromal Polyp

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: 14:44:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_041

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Ear	Canal	Lymphocytic Inflammatory Infiltrate
Eye	Retina	Degeneration, Nos
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
		Inflammation, Chronic Focal
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Ovary		Leiomyosarcoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
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: 14:44:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_042

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver	Centrilobular	Necrosis, Nos
Lung		Hemorrhage
	Alveoli	Histiocytosis
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
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: 14:44:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_043

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
	Cortex Nos	Hyperplasia, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
		Inflammation, Chronic Focal
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Mammary gland	Mammary Duct	Distention
		Fibroadenoma
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Stomach	Mucosa	Fibrosis

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: 14:44:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_044

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Erythroid
Ear	Canal	Lymphocytic Inflammatory Infiltrate
Intestine Large	Colon	Distention
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Ganglioneuroma
Salivary gland		Atrophy, Focal
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Stomach	Mucosa	Fibrosis
Uterus		Hydrometra

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: 14:44:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_045

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
		Inflammation, Chronic Focal
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Stomach	Mucosa	Fibrosis
Uterus		Hydrometra

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: 14:44:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_046

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cyst, Hemorrhagic
	Cortex Nos	Hyperplasia, Focal
Clitoral gland		Inflammation, Suppurative
Ear	Canal	Lymphocytic Inflammatory Infiltrate
Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Colon	Parasitism
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Hyperplasia, Diffuse
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Uterus		Hydrometra

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: 14:44:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_047

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Erythroid
Ear	Canal	Lymphocytic Inflammatory Infiltrate
Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Mesentery Nos	Necrosis, Fat
Kidney	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
		Inflammation, Chronic Focal
Lymph node	Mediastinal Lymph Node	Hemorrhage
	Mandibular Lymph Node	Hyperplasia, Lymphoid
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Spleen	Red Pulp	Fibrosis
	Red Pulp	Hematopoiesis
		Hemosiderosis
Uterus		Hydrometra

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: 14:44:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_048

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
		Cytoplasmic Vacuolization
Lung		Congestion, Acute
Pancreas		Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Stomach	Forestomach	Acanthosis
	Forestomach	Hyperkeratosis

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: 14:44:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_049

TRT#: 1

SEX: Female

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
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
		Inflammation, Chronic Focal
Mammary gland	Mammary Duct	Distention
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Salivary gland		Atrophy, Focal
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Uterus		Hydrometra

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: 14:44:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_050

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland		Adenoma, Nos
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
		Inflammation, Chronic Focal
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Hyperplasia, Nos
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
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: 14:44:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_001

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
Mammary gland		Dilatation, Ducts
		Hyperplasia, Nos
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: 14:44:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_002

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney

Tubule

Pigmentation, Nos

Mammary gland

Fibroadenoma

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: 14:44:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_003

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney
Liver

Tubule

Pigmentation, Nos
Clear-Cell Change
Cytoplasmic Change, Basophilic
Inflammation, Chronic Focal

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: 14:44:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_004

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland

Hyperplasia, Focal

Kidney

Tubule

Retention Of Content

Liver

Pigmentation, Nos

Pituitary gland

Anterior Pituitary

Cytoplasmic Change, Basophilic

Spleen

Red Pulp

Inflammation, Chronic Focal

Uterus

Hyperplasia, Nos

Hematopoiesis

Hemosiderosis

Hydrometra

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: 14:44:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_005

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Bone	Skull	Osteosclerosis
Clitoral gland		Retention Of Content
Kidney	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
		Inflammation, Chronic Focal
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: 14:44:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_006

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
		Cytoplasmic Change, Eosinophilic
	Bile Duct	Hyperplasia, Nos
Mammary gland		Fibroadenoma
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: 14:44:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_007

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Small

Mesentery Nos

Necrosis, Fat

Kidney

Tubule

Pigmentation, Nos

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: 14:44:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_008

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland		Inflammation, Suppurative
Eye		Phthisis Bulbi
Intestine Small	Mesentery Nos	Necrosis, Fat
Kidney	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Hyperplasia, 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: 14:44:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_009

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Clitoral gland		Adenoma, Nos
Kidney	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Mammary gland		Dilatation, Ducts
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: 14:44:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_010

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney	Tubule	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Nos
		Inflammation, Chronic Focal
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Uterus	Endometrium	Hyperplasia, 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: 14:44:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_011

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
		Inflammation, Chronic Focal
Mammary gland		Fibroadenoma
Salivary gland		Atrophy, Focal
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Uterus		Endometrial Stromal Polyp

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: 14:44:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_012

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney

Tubule

Pigmentation, Nos

Liver

Cytoplasmic Change, Basophilic

Inflammation, Chronic Focal

Mammary gland

Fibroadenoma

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: 14:44:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_013

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Brain		Hydrocephalus, Nos
Kidney	Tubule	Pigmentation, Nos
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
		Cytoplasmic Change, Eosinophilic
	Bile Duct	Hyperplasia, Nos
		Inflammation, Chronic Focal
Mammary gland		Fibroadenoma
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: 14:44:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_014

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland		Inflammation, Suppurative
Intestine Small	Mesentery Nos	Necrosis, Fat
Kidney	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
Mammary gland		Fibroadenoma
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: 14:44:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_015

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Lung		Congestion, Nos
Mammary gland		Fibroadenoma
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: 14:44:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_016

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Focal

Kidney

Tubule

Pigmentation, Nos

Liver

Cytoplasmic Change, Basophilic

Hematopoiesis

Salivary gland

Sarcoma, 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: 14:44:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_017

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Eye		Inflammation, Suppurative
Intestine Small	Mesentery Nos	Necrosis, Fat
Kidney	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
		Cytoplasmic Vacuolization
	Bile Duct	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Uterus		Endometrial Stromal Polyp

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: 14:44:15

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_018

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney	Tubule	Pigmentation, Nos
Liver		Clear-Cell Change
		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
		Inflammation, Chronic Focal
Lung		Lymphocytic Inflammatory Infiltrate
Mammary gland		Fibroadenoma
		Hyperplasia, Focal
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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_019

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland

Adenoma, Nos

Kidney

Tubule

Inflammation, Chronic

Liver

Pigmentation, Nos

Mammary gland

Cytoplasmic Change, Basophilic

Ovary

Fibroadenoma

Pituitary gland

Anterior Pituitary

Cyst, Nos

Spleen

Red Pulp

Adenoma, Nos

Unspecified

Multiple Organs Nos

Hematopoiesis

Hemosiderosis

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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_020

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Esophagus

Kidney

Liver

Spleen

Tubule

Red Pulp

Necrosis, Nos

Pigmentation, Nos

Cytoplasmic Change, Basophilic

Cytoplasmic Vacuolization

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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_021

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Tubule

Pigmentation, Nos

Liver

Cytoplasmic Change, Basophilic

Bile Duct

Hyperplasia, Nos

Mammary gland

Fibroadenoma

Pituitary gland

Anterior Pituitary

Hyperplasia, Focal

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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_022

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Focal

Clitoral gland

Inflammation, Chronic

Kidney

Tubule

Atrophy, Focal

Lipoma

Tubule

Pigmentation, Nos

Liver

Cytoplasmic Change, Basophilic

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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_023

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Intestine Small
Kidney
Liver

Mesentery Nos
Tubule

Necrosis, Fat
Pigmentation, Nos
Clear-Cell Change
Cytoplasmic Change, Basophilic
Inflammation, Chronic Focal
Cyst, Nos
Hematopoiesis
Hemosiderosis

Ovary
Spleen

Red Pulp

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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_024

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Tubule

Pigmentation, Nos

Liver

Bile Duct

Hyperplasia, Nos

Spleen

Red Pulp

Hematopoiesis

Unspecified

Multiple Organs Nos

Hemosiderosis

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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_025

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney

Tubule

Pigmentation, Nos

Liver

Cytoplasmic Change, Basophilic

Inflammation, Chronic Focal

Mammary gland

Fibroadenoma

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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_026

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Kidney

Medulla

Pheochromocytoma

Liver
Spleen

Tubule

Nephrosis, Nos

Thyroid

Unspecified

Bile Duct

Red Pulp

Pigmentation, Nos

Hyperplasia, Nos

Hematopoiesis

Hemosiderosis

C-Cell Adenoma

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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_027

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus		Hydrometra

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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_028

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney

Tubule

Pigmentation, Nos

Liver

Cytoplasmic Change, Basophilic

Inflammation, Chronic Focal

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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_029

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Kidney

Liver

Pituitary gland

Spleen

Mesentery Nos

Tubule

Anterior Pituitary

Red Pulp

Necrosis, Fat

Pigmentation, Nos

Cytoplasmic Change, Basophilic

Adenoma, 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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_030

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Intestine Small
Kidney
Liver

Medulla
Mesentery Nos
Tubule

Bile Duct

Mammary gland
Pituitary gland
Spleen

Anterior Pituitary
Red Pulp

Pheochromocytoma
Necrosis, Fat
Pigmentation, Nos
Cytoplasmic Change, Basophilic
Hyperplasia, Nos
Fibroadenoma
Adenoma, 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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_031

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Tubule

Pigmentation, Nos

Spleen

Red Pulp

Hematopoiesis

Uterus

Endometrium

Hemosiderosis

Hyperplasia, Stromal

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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_032

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Tubule

Pigmentation, Nos

Liver

Bile Duct

Hyperplasia, Nos

Inflammation, Chronic Focal

Mammary gland

Mammary Duct

Dysplasia, 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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_033

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney
Mammary gland
Spleen

Tubule

Red Pulp

Pigmentation, Nos
Fibroadenoma
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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_034

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney

Tubule

Pigmentation, Nos

Liver

Cytoplasmic Change, Basophilic

Bile Duct

Hyperplasia, Nos

Inflammation, Chronic Focal

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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_035

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
		Inflammation, Chronic Focal
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Uterus		Endometrial Stromal Polyp

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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_036

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen	Red Pulp	Congestion, Nos
	Red Pulp	Hematopoiesis
		Hemosiderosis
		Metamorphosis, Fatty
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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_037

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney
Pituitary gland
Spleen

Tubule
Anterior Pituitary
Red Pulp

Pigmentation, Nos
Adenoma, 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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_038

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Small
Kidney
Liver

Mesentery Nos
Tubule

Necrosis, Fat
Pigmentation, Nos
Cytoplasmic Change, Basophilic
Inflammation, Chronic Focal

Pituitary gland
Salivary gland
Spleen

Anterior Pituitary

Adenoma, Nos
Atrophy, Focal
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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_039

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain		Meningioma
Kidney	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
Ovary		Cyst, Nos
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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_040

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland

Kidney

Liver

Tubule

Bile Duct

Pituitary gland

Salivary gland

Anterior Pituitary

Inflammation, Suppurative

Pigmentation, Nos

Cytoplasmic Change, Basophilic

Hyperplasia, Nos

Inflammation, Chronic Focal

Adenoma, Nos

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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_041

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Tubule

Pigmentation, Nos

Liver

Centrilobular

Degeneration, Nos

Lymph node

Lumbar Lymph Node

Sarcoma, Nos, Metastatic

Spleen

Red Pulp

Hematopoiesis

Unspecified

Hemosiderosis

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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_042

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Intestine Small
Kidney
Liver

Mesentery Nos
Tubule

Bile Duct

Pituitary gland
Salivary gland
Spleen

Anterior Pituitary

Red Pulp

Necrosis, Fat
Pigmentation, Nos
Cytoplasmic Change, Basophilic
Hyperplasia, Nos
Inflammation, Chronic Focal
Adenoma, Nos
Atrophy, Focal
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: 14:44:16
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_043

TRT#: 2
DOSE: 003.0 MG/KG

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
		Inflammation, Chronic Focal
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_044

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Tubule

Pigmentation, Nos

Liver

Cytoplasmic Change, Basophilic

Bile Duct

Hyperplasia, Nos

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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_045

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Pheochromocytoma

Kidney

Tubule

Pigmentation, Nos

Liver

Inflammation, Chronic Focal

Mammary gland

Fibroadenoma

Spleen

Red Pulp

Hematopoiesis

Uterus

Hemosiderosis

Endometrial Stromal Polyp

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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_046

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Intestine Small
Kidney
Liver

Peyers Patch
Tubule

Hyperplasia, Lymphoid
Pigmentation, Nos
Angiectasis

Lymph node

Mesenteric Lymph Node
Pancreatic Lymph Node

Hyperplasia, Nodular
Hyperplasia, Lymphoid
Hyperplasia, Lymphoid

Ovary
Salivary gland
Spleen

Red Pulp

Cyst, Nos
Hemorrhage
Hematopoiesis
Hemosiderosis

Stomach
Unspecified

Forestomach

Ulcer, Chronic
Hemorrhage

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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_047

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland

Kidney

Liver

Tubule

Mammary gland

Pituitary gland

Spleen

Anterior Pituitary

Red Pulp

Retention Of Content

Pigmentation, Nos

Cytoplasmic Change, Basophilic

Inflammation, Chronic Focal

Fibroadenoma

Adenoma, 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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_048

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney
Pituitary gland
Spleen

Tubule
Anterior Pituitary
Red Pulp

Pigmentation, Nos
Cyst, Nos
Hematopoiesis
Hemosiderosis
Endometrial Stromal Polyp

Uterus

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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_049

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
Mammary gland		Fibroadenoma
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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_050

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Spleen		Congestion, Nos
	Red Pulp	Hematopoiesis
		Hemosiderosis
Uterus		Endometrial Stromal Polyp

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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_001

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland		Inflammation, Chronic Focal
Ear	Canal	Lymphocytic Inflammatory Infiltrate
Intestine Large	Colon	Distention
Kidney	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
		Inflammation, Chronic Focal
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Mammary gland		Fibroadenoma
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Salivary gland		Inflammation, Chronic Focal
Spleen	Red Pulp	Atrophy, Focal
	Red Pulp	Fibrosis
	Red Pulp	Hematopoiesis
		Hemosiderosis
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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_002

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
		Inflammation, Chronic Focal
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Salivary gland		Atrophy, Focal
Spleen	Red Pulp	Congestion, Nos
	Red Pulp	Hematopoiesis
		Hemosiderosis
Tongue		Inflammation, Chronic Suppurative
		Papilloma, Nos
Trachea	Submucosa	Granulation Tissue
Unspecified	Neck	Granulation Tissue
		Sarcoma, Nos
Uterus		Hydrometra

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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_003

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Ear	Canal	Lymphocytic Inflammatory Infiltrate
Eye	Retina	Degeneration, Nos
Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Colon	Distention
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Mammary gland		Fibroadenoma
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Hyperplasia, Nos
Salivary gland		Atrophy, Focal
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Unspecified		Fibrosarcoma
Uterus		Endometrial Stromal Polyp

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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_004

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland		Inflammation, Suppurative
Ear	Canal	Lymphocytic Inflammatory Infiltrate
Eye	Retina	Degeneration, Nos
Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Mesentery Nos	Necrosis, Fat
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Nos
		Inflammation, Chronic Focal
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Stomach	Mucosa	Fibrosis

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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_005

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Ear	Canal	Lymphocytic Inflammatory Infiltrate
Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Large Intestine, Colon	Adenomatous Polyp, Nos
	Large Intestine, Colon	Hemorrhage
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
	Centrilobular	Degeneration, Nos
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Hemorrhage
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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_006

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Erythroid
Ear	Canal	Lymphocytic Inflammatory Infiltrate
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Mammary gland		Hyperplasia, Nos
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Ovary		Granulosa-Cell Tumor
Pancreas		Atrophy, Focal
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Stomach	Forestomach	Acanthosis
	Forestomach	Hyperkeratosis
Uterus	Endometrium	Hyperplasia, Cystic

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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_007

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Ear	Canal	Lymphocytic Inflammatory Infiltrate
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Mammary gland	Mammary Duct	Distention
		Fibroadenoma
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_008

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver		Clear-Cell Change
		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Stomach	Mucosa	Fibrosis

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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_009

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Thrombus, Organized
Clitoral gland		Adenoma, Nos
Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Colon	Parasitism
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Skin		Keratoacanthoma
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Uterus	Endometrium	Hyperplasia, Cystic

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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_010

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Ear	Canal	Lymphocytic Inflammatory Infiltrate
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Mammary gland	Mammary Duct	Distention
		Fibroadenoma
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Spleen	Red Pulp	Hematopoiesis
Urinary bladder		Distention
Uterus		Endometrial Stromal Polyp

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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_011

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland		Adenoma, Nos
Eye		Cataract
	Retina	Degeneration, Nos
Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Colon	Parasitism
Intestine Small	Mesentery Nos	Necrosis, Fat
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver		Clear-Cell Change
		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
		Inflammation, Chronic Focal
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Angiectasis
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Uterus	Endometrium	Hyperplasia, Cystic

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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_012

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Granulocytic
Brain		Infection, Bacterial
		Inflammation, Chronic Focal
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Infection, Bacterial
		Inflammation, Suppurative
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
		Necrosis, Focal
Lung		Inflammation, Suppurative
Lymph node	Mediastinal Lymph Node	Inflammation, Chronic
Mammary gland	Mammary Duct	Distention
		Fibroadenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Salivary gland		Inflammation, Suppurative
Spleen		Hemosiderosis
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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_013

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Ear	Canal	Lymphocytic Inflammatory Infiltrate
Intestine Small	Mesentery Nos	Necrosis, Fat
Kidney	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Eosinophilic
		Inflammation, Chronic Focal
Mammary gland	Mammary Duct	Distention
		Fibroadenoma
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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_014

TRT#: 3

SEX: Female

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
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
		Inflammation, Chronic Focal
Lung		Inflammation, Interstitial
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Ovary		Cyst, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Stomach	Mucosa	Fibrosis
Urinary bladder		Distention
Uterus		Hydrometra

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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_015

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Ear	Canal	Lymphocytic Inflammatory Infiltrate
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Infarct, Healed
		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
		Inflammation, Chronic Focal
Mammary gland		Fibroadenoma
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
	Intermedia	Hyperplasia, Nos
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Stomach	Mucosa	Fibrosis
Uterus		Hydrometra

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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_016

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Intestine Small
Kidney

Mesentery Nos

Necrosis, Fat

Liver

Tubule

Nephrosis, Nos

Nasal cavity

Pituitary gland

Bile Duct

Mucosa

Anterior Pituitary

Anterior Pituitary

Pigmentation, Nos

Cytoplasmic Change, Basophilic

Hyperplasia, Nos

Lymphocytic Inflammatory Infiltrate

Spleen

Red Pulp

Adenoma, Nos

Cyst, Nos

Hematopoiesis

Hemosiderosis

Stomach

Uterus

Mucosa

Fibrosis

Endometrial Stromal Polyp

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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_017

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Mesentery Nos	Necrosis, Fat
Kidney	Tubule	Pigmentation, Nos
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Cyst, Nos
	Anterior Pituitary	Hemorrhage
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_018

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Eye	Retina	Degeneration, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_019

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Cyst, Nos
	Anterior Pituitary	Hyperplasia, Nos
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Thyroid		Follicular-Cell Adenoma
Uterus		Hydrometra

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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_020

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Bone marrow		Hyperplasia, Lymphoid
Ear	Canal	Lymphocytic Inflammatory Infiltrate
Kidney	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
Mammary gland		Fibroadenoma
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Stomach	Mucosa	Fibrosis
Uterus		Hydrometra

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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_021

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland		Inflammation, Suppurative
Ear	Canal	Lymphocytic Inflammatory Infiltrate
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
		Inflammation, Chronic Focal
Lung	Bronchus	Hyperplasia, Lymphoid
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_022

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Blood	Blood Erythrocytes	Normoblastosis
Clitoral gland		Adenoma, Nos
Ear	Canal	Lymphocytic Inflammatory Infiltrate
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
		Inflammation, Chronic Focal
Lung	Bronchus	Edema, Nos
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Mammary gland	Mammary Duct	Distention
		Fibroadenoma
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Stomach	Mucosa	Fibrosis

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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_023

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland		Inflammation, Chronic Focal
Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Colon	Parasitism
Kidney	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Mammary gland	Mammary Duct	Distention Fibroadenoma
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Hyperplasia, Nos
Spleen	Red Pulp	Hematopoiesis Hemosiderosis
Stomach	Forestomach	Acanthosis
	Mucosa	Fibrosis

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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_024

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Ear	Canal	Lymphocytic Inflammatory Infiltrate
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
		Hyperplasia, Nodular
		Inflammation, Chronic Focal
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Salivary gland		Neurilemoma
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Uterus		Adenomyosis
		Endometrial Stromal Polyp

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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_025

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain		Astrocytoma
Ear	Canal	Lymphocytic Inflammatory Infiltrate
Kidney	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pancreas		Inflammation, Chronic Focal
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Unspecified		Fibrosarcoma
Uterus		Hydrometra

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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_026

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver	Centrilobular	Congestion, Acute Inflammation, Chronic Focal
Lung		Congestion, Acute
Mammary gland		Fibroadenoma
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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_027

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Ear	Canal	Lymphocytic Inflammatory Infiltrate
Kidney	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
Lung		Congestion, Acute
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate

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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_028

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Bone		Osteosclerosis
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Hamartoma
		Nephrosis, Nos
Liver	Tubule	Pigmentation, Nos
		Cytoplasmic Change, Basophilic
		Cytoplasmic Vacuolization
		Inflammation, Acute/Chronic
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
	Mediastinal Lymph Node	Hyperplasia, Lymphoid
	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Spleen	Red Pulp	Congestion, Nos
	Red Pulp	Hematopoiesis
		Hemosiderosis
Stomach	Forestomach	Acanthosis
	Mucosa	Fibrosis
	Forestomach	Hyperkeratosis
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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_029

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Ear	Canal	Lymphocytic Inflammatory Infiltrate
Kidney	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
		Necrosis, Focal
Mammary gland	Mammary Duct	Distention
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Fibrosis
	Red Pulp	Hematopoiesis
		Hemosiderosis
Uterus		Hydrometra

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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_030

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland		Inflammation, Chronic Suppurative
Ear	Canal	Lymphocytic Inflammatory Infiltrate
Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Colon	Distention
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Lymph node	Mesenteric Lymph Node	Hemorrhage
	Mandibular Lymph Node	Hyperplasia, Lymphoid
Mammary gland		Fibroadenoma
		Hyperplasia, Nos
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Skin		Keratoacanthoma
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Thyroid		C-Cell Adenoma
Uterus		Endometrial Stromal Polyp

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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_031

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hypertrophy, Focal
Ear	Canal	Lymphocytic Inflammatory Infiltrate
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver	Centrilobular	Degeneration, Nos
	Bile Duct	Hyperplasia, Nos
Mammary gland		Fibroadenoma
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_032

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Clitoral gland		Inflammation, Chronic Focal
Ear	Canal	Lymphocytic Inflammatory Infiltrate
Heart	Myocardium Nos	Degeneration, Nos
	Myocardium Nos	Inflammation, Granulomatous Focal
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
		Hematopoiesis
Lymph node	Mesenteric Lymph Node	Hyperplasia, Diffuse
Mammary gland		Fibroadenoma
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pancreas		Atrophy, Focal
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Stomach	Forestomach	Acanthosis
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus		Endometrial Stromal Polyp

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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_033

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland		Hyperplasia, Focal Inflammation, Chronic
Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Mesentery Nos	Necrosis, Fat
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos Inflammation, Chronic Focal
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Mammary gland	Mammary Duct	Distention
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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_034

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver		Clear-Cell Change
		Cytoplasmic Change, Basophilic
		Inflammation, Chronic Focal
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
	Red Pulp	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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_035

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Ear	Canal	Lymphocytic Inflammatory Infiltrate
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
		Inflammation, Chronic Focal
Lymph node	Mandibular Lymph Node	Hyperplasia, Diffuse
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_036

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Mesentery Nos	Necrosis, Fat
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
Lung		Neurilemoma, Metastatic
Mammary gland		Fibroadenoma
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_037

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Ear	Canal	Lymphocytic Inflammatory Infiltrate
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
		Inflammation, Chronic Focal
Mammary gland		Fibroadenoma
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Salivary gland		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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_038

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Clitoral gland		Inflammation, Suppurative
Ear	Canal	Lymphocytic Inflammatory Infiltrate
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
		Cytoplasmic Vacuolization
Mammary gland	Mammary Duct	Distention
		Fibroadenoma
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Salivary gland		Atrophy, Focal
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Stomach	Forestomach	Acanthosis
	Forestomach	Hyperkeratosis
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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_039

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Kidney	Tubule	Pigmentation, Nos
Liver	Centrilobular	Degeneration, Nos
	Bile Duct	Hyperplasia, Nos
Lymph node	Pancreatic Lymph Node	Hemorrhage
	Mandibular Lymph Node	Hyperplasia, Diffuse
	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Mammary gland	Mammary Duct	Distention
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Ovary		Cyst, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_040

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Bone marrow		Hyperplasia, Erythroid
Clitoral gland		Inflammation, Chronic Focal
Ear	Canal	Lymphocytic Inflammatory Infiltrate
Kidney		Lipoma
		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
		Cytoplasmic Change, Eosinophilic
Mammary gland		Fibroadenoma
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Unspecified		Neurilemoma
		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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_041

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Clitoral gland
Kidney

Liver

Lymph node

Nasal cavity

Pancreas

Pituitary gland

Spleen

Unspecified

Tubule
Centrilobular
Bile Duct
Pancreatic Lymph Node
Mucosa

Anterior Pituitary

Red Pulp

Red Pulp

Multiple Organs Nos

Cortical Adenoma
Inflammation, Chronic
Nephrosis, Nos
Pigmentation, Nos
Degeneration, Nos
Hyperplasia, Nos
Hemorrhage
Lymphocytic Inflammatory Infiltrate
Atrophy, Focal
Hyperplasia, Nos
Congestion, Nos
Hematopoiesis
Hemosiderosis
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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_042

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Erythroid
Ear	Canal	Lymphocytic Inflammatory Infiltrate
Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Mesentery Nos	Necrosis, Fat
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver	Centrilobular	Degeneration, Nos
	Bile Duct	Hyperplasia, Nos
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Spleen		Congestion, Nos
	Red Pulp	Hematopoiesis
		Hemosiderosis
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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_043

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland		Inflammation, Chronic Suppurative
Ear	Canal	Lymphocytic Inflammatory Infiltrate
Intestine Small	Mesentery Nos	Necrosis, Fat
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver		Clear-Cell Change
		Cytoplasmic Change, Basophilic
Mammary gland	Mammary Duct	Distention
		Hyperplasia, Nos
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Ovary		Cyst, Nos
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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_044

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Ear	Canal	Lymphocytic Inflammatory Infiltrate
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
Lymph node	Mediastinal Lymph Node	Hemorrhage
	Mandibular Lymph Node	Hyperplasia, Lymphoid
	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Ovary		Cyst, Nos
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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_045

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Liver		Cytoplasmic Change, Basophilic Inflammation, Chronic Focal
Lymph node	Mesenteric Lymph Node Mandibular Lymph Node	Hemorrhage Hyperplasia, Lymphoid
Mammary gland		Fibroadenoma
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Salivary gland		Atrophy, Focal
Spleen	Red Pulp	Hematopoiesis Hemosiderosis
Uterus		Hydrometra

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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_046

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland		Hyperplasia, Focal Inflammation, Chronic
Ear	Canal	Lymphocytic Inflammatory Infiltrate
Intestine Small	Mesentery Nos	Necrosis, Fat
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
	Centrilobular	Degeneration, Nos
	Bile Duct	Hyperplasia, Nos
Lymph node	Mandibular Lymph Node	Hyperplasia, Diffuse
Mammary gland		Adenocarcinoma, Nos
		Adenoma, Nos
		Fibroadenoma
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus		Hydrometra

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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_047

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
Mammary gland		Hyperplasia, Focal
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_048

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland		Inflammation, Chronic Focal
Ear	Canal	Lymphocytic Inflammatory Infiltrate
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Stomach	Mucosa	Fibrosis

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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_049

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Erythroid
Ear	Canal	Lymphocytic Inflammatory Infiltrate
Intestine Small	Mesentery Nos	Necrosis, Fat
Kidney	Tubule	Pigmentation, Nos
Lymph node	Mandibular Lymph Node	Hyperplasia, Diffuse
	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Nasal cavity	Mucosa	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis
Stomach	Mucosa	Fibrosis
Unspecified		Fibroma
Uterus		Endometrial Stromal Polyp

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: 14:44:16

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_050

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland		Adenoma, Nos
Ear	Canal	Lymphocytic Inflammatory Infiltrate
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
		Inflammation, Chronic Focal
Lymph node	Mandibular 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
Salivary gland		Atrophy, Focal
Spleen	Red Pulp	Hematopoiesis
		Hemosiderosis

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****

* PROTOCOL REQUIRED TISSUE