

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**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:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_001

**TRT#:** 1  
**DOSE:** 030.0 MG/KG

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
	Cortex Nos	Hypertrophy, Diffuse
Brain	Thalamus	Mineralization
Liver		Cytoplasmic Vacuolization
Lung		Lymphocytic Inflammatory Infiltrate
Mammary gland		Adenocarcinoma, Nos
		Dilatation, Ducts
		Inflammation, Active Chronic
Nasal cavity	Mucosa	Degeneration, Hyaline
Pancreas	Islets	Hyperplasia, Focal
Pituitary gland		Carcinoma, Nos
Spleen		Hemosiderosis
Uterus	Endometrial Gland	Cyst, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_002

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 030.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Diffuse
Brain	Thalamus	Mineralization
Kidney		Lymphocytic Inflammatory Infiltrate
Nasal cavity	Mucosa	Degeneration, Hyaline
Ovary		Cyst, Nos
Spleen		Hemosiderosis
Uterus	Endometrial Gland	Cyst, Nos

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**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:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Bone marrow  
Brain  
Intestine Small  
Kidney  
Spleen  
  
Unspecified  
  
Uterus

Capsule  
  
Thalamus  
Mesentery Nos  
  
  
Multiple Organs Nos  
Endometrial Gland

Hyperplasia, Focal  
Hyperplasia, Granulocytic  
Mineralization  
Necrosis, Fat  
Lymphocytic Inflammatory Infiltrate  
Hematopoiesis  
Hemosiderosis  
Fibrosarcoma  
Leukemoid Reaction  
Cyst, Nos

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_004

**TRT#:** 1  
**DOSE:** 030.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Adrenal gland	Capsule Cortex Nos	Hyperplasia, Diffuse Hyperplasia, Nodular
Bone		Fibrous Osteodystrophy
Brain	Thalamus	Mineralization
Kidney		Lymphocytic Inflammatory Infiltrate
Liver		Cytoplasmic Vacuolization
Lung		Lymphocytic Inflammatory Infiltrate
Nasal cavity	Mucosa	Degeneration, Hyaline
Pancreas		Focal Cellular Change
Spleen		Hemosiderosis
Urinary bladder		Hyperplasia, Lymphoid
Uterus	Endometrial Gland	Lymphocytic Inflammatory Infiltrate Cyst, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**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**

Adrenal gland	Capsule	Hyperplasia, Diffuse
Bone		Fibrous Osteodystrophy
Brain	Thalamus	Mineralization
Kidney		Lymphocytic Inflammatory Infiltrate
Liver		Cytoplasmic Vacuolization
		Lymphocytic Inflammatory Infiltrate
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Nasal cavity	Mucosa	Degeneration, Hyaline
Ovary		Cyst, Nos
		Lymphocytic Inflammatory Infiltrate
Pituitary gland		Hyperplasia, Chromophobe Cell
Spleen		Hemosiderosis
		Hyperplasia, Lymphoid
Thyroid		Inflammation, Chronic Focal
Unspecified	Flank	Hemangiosarcoma
Uterus	Endometrial Gland	Cyst, Nos

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**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**

Kidney	Tubule	Degeneration, Hyaline
Liver		Cytoplasmic Vacuolization
Mammary gland		Dilatation, Ducts
Ovary		Cyst, Hemorrhagic
		Cyst, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrial Gland	Cyst, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_007

**TRT#:** 1  
**DOSE:** 030.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Bone		Fibrous Osteodystrophy
Liver		Bile Duct Carcinoma
		Hepatocellular Carcinoma
Lung		Hepatocellular Carcinoma, Metastatic
Spleen		Hematopoiesis
		Hemosiderosis
Stomach		Lymphocytic Inflammatory Infiltrate
Thyroid		Hyperplasia, Follicular Cell
Unspecified	Mediastinum Nos	Hepatocellular Carcinoma, Metastatic
	Multiple Organs Nos	Hyperplasia, Lymphoid
Uterus	Endometrial Gland	Cyst, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_008

**TRT#:** 1  
**DOSE:** 030.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Diffuse
Bone		Fibrous Osteodystrophy
Eye	Nasolacrimal Duct	Inflammation, Chronic Focal
Intestine Large	Colon	Cyst, Nos
Liver		Cytoplasmic Vacuolization
		Hepatocellular Adenoma
Nasal cavity	Mucosa	Degeneration, Hyaline
Pancreas	Islets	Hyperplasia, Focal
Pituitary gland		Adenoma, Nos
Spleen		Hematopoiesis
		Hemosiderosis
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrial Gland	Cyst, Nos
	Broad Ligament	Necrosis, Fat

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**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:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Brain  
Liver

Capsule  
Thalamus

Hyperplasia, Diffuse  
Mineralization  
Hematopoiesis  
Hemosiderosis  
Degeneration, Hyaline  
Cyst, Hemorrhagic  
Hyperplasia, Chromophobe Cell  
Congestion, Nos  
Hematopoiesis  
Hyperplasia, Reticulum Cell  
Cyst, Hemorrhagic

Nasal cavity  
Ovary  
Pituitary gland  
Spleen

Mucosa

Uterus

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**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:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Diffuse
Bone		Fibrous Osteodystrophy
Brain	Thalamus	Mineralization
Eye	Nasolacrimal Duct	Hyperplasia, Focal
	Nasolacrimal Duct	Inflammation, Chronic Focal
Liver		Hepatocellular Carcinoma
Lung		Alveolar/Bronchiolar Adenoma
Nasal cavity	Mucosa	Degeneration, Hyaline
Pancreas	Islets	Hyperplasia, Focal
Pituitary gland		Hyperplasia, Chromophobe Cell
Spleen		Hemangiosarcoma
		Hematopoiesis
		Hemosiderosis
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**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**

Adrenal gland	Capsule	Hyperplasia, Diffuse
Eye	Nasolacrimal Duct	Inflammation, Chronic
Kidney		Lymphocytic Inflammatory Infiltrate
	Tubule	Metamorphosis, Fatty
Liver		Cytoplasmic Vacuolization
Nasal cavity	Mucosa	Degeneration, Hyaline
Pituitary gland		Hyperplasia, Chromophobe Cell
Salivary gland		Lymphocytic Inflammatory Infiltrate
Spleen		Hemosiderosis
Unspecified	Multiple Organs Nos	Histiocytic Sarcoma
Uterus	Endometrial Gland	Cyst, Nos

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**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:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Diffuse
Bone		Fibrous Osteodystrophy
Kidney	Tubule	Metamorphosis, Fatty
Liver		Cytoplasmic Vacuolization
		Hepatocellular Carcinoma
		Necrosis, Diffuse
Nasal cavity	Mucosa	Degeneration, Hyaline
Ovary		Cyst, Hemorrhagic
Spleen		Hemosiderosis
Uterus	Endometrial Gland	Cyst, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**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**

Adrenal gland	Capsule	Hyperplasia, Diffuse
Bone		Fibrous Osteodystrophy
Brain		Lymphocytic Inflammatory Infiltrate
Eye	Nasolacrimal Duct	Inflammation, Chronic
Kidney		Lymphocytic Inflammatory Infiltrate
Liver		Hepatocellular Adenoma
Lung		Congestion, Nos
		Lymphocytic Inflammatory Infiltrate
Nasal cavity	Mucosa	Degeneration, Hyaline
Pituitary gland		Adenoma, Nos
Spleen		Hematopoiesis
		Hemosiderosis
Stomach	Mucosa	Hyperkeratosis
Thyroid		Follicular-Cell Adenoma
Uterus	Endometrial Gland	Cyst, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**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:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Diffuse
Bone		Fibrous Osteodystrophy
Brain	Thalamus	Mineralization
Kidney		Lymphocytic Inflammatory Infiltrate
Liver		Cytoplasmic Vacuolization
Ovary		Cyst, Nos
Pituitary gland		Hyperplasia, Chromophobe Cell
Spleen		Hemosiderosis
Urinary bladder		Lymphocytic Inflammatory Infiltrate
Uterus	Endometrial Gland	Cyst, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**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**

Adrenal gland	Capsule	Hyperplasia, Diffuse
	Medulla	Mineralization
Bone		Fibrous Osteodystrophy
Liver		Cytoplasmic Vacuolization
Nasal cavity	Mucosa	Degeneration, Hyaline
Ovary		Cyst, Hemorrhagic
		Cyst, Nos
Spleen		Hemosiderosis
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus		Cyst, Hemorrhagic
	Endometrial Gland	Cyst, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**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**

Adrenal gland	Capsule	Hyperplasia, Diffuse
Bone		Fibrous Osteodystrophy
Brain	Thalamus	Mineralization
Kidney		Lymphocytic Inflammatory Infiltrate
Liver		Cytoplasmic Vacuolization
Lymph node	Mediastinal Lymph Node	Hyperplasia, Lymphoid
	Mesenteric Lymph Node	Lymphoma, Mixed-Malignant Type
Nasal cavity	Mucosa	Degeneration, Hyaline
Spleen		Hemosiderosis
Uterus	Endometrial Gland	Cyst, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**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:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Diffuse
Bone		Fibrous Osteodystrophy
Liver		Cytoplasmic Vacuolization
Nasal cavity	Mucosa	Degeneration, Hyaline
Ovary		Cyst, Nos
Pituitary gland		Hyperplasia, Chromophobe Cell
Spleen		Hemosiderosis
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrial Gland	Cyst, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**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**

Adrenal gland	Capsule	Hyperplasia, Diffuse
Eye	Nasolacrimal Duct	Hyperplasia, Focal
	Nasolacrimal Duct	Inflammation, Chronic Focal
Kidney		Lymphocytic Inflammatory Infiltrate
Liver		Hepatocellular Adenoma
Lung		Lymphocytic Inflammatory Infiltrate
Mammary gland		Dilatation, Ducts
Nasal cavity	Mucosa	Degeneration, Hyaline
Pancreas	Islets	Hyperplasia, Focal
		Lymphocytic Inflammatory Infiltrate
Pituitary gland		Hyperplasia, Chromophobe Cell
Spleen		Hemosiderosis
Uterus	Endometrial Gland	Cyst, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**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:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Diffuse
Bone		Fibrous Osteodystrophy
Kidney		Lymphocytic Inflammatory Infiltrate
Liver		Lymphocytic Inflammatory Infiltrate
Nasal cavity	Mucosa	Degeneration, Hyaline
Pancreas		Lymphocytic Inflammatory Infiltrate
Unspecified	Multiple Organs Nos	Hemangiosarcoma
Uterus	Endometrial Gland	Cyst, Nos
		Inflammation, Acute Diffuse
	Broad Ligament	Lymphocytic Inflammatory Infiltrate

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**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**

Adrenal gland	Capsule	Hyperplasia, Diffuse
Bone		Fibrous Osteodystrophy
Bone marrow		Angiectasis
Eye	Nasolacrimal Duct	Inflammation, Chronic Focal
Intestine Small	Mesentery Nos	Inflammation, Chronic Focal
Kidney		Lymphocytic Inflammatory Infiltrate
Liver		Cytoplasmic Vacuolization
Lung		Alveolar/Bronchiolar Adenoma
Nasal cavity	Mucosa	Degeneration, Hyaline
Ovary		Cyst, Nos
Pancreas	Islets	Hyperplasia, Nos
		Inflammation, Chronic Diffuse
Spleen		Hematopoiesis
		Hemosiderosis
Urinary bladder		Hemangioma
		Lymphocytic Inflammatory Infiltrate
Uterus	Endometrial Gland	Cyst, Nos
	Broad Ligament	Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**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**

Adrenal gland	Capsule	Hyperplasia, Diffuse
Bone		Fibrous Osteodystrophy
Bone marrow		Angiectasis
Brain	Thalamus	Mineralization
Eye	Nasolacrimal Duct	Inflammation, Chronic Focal
Kidney		Lymphocytic Inflammatory Infiltrate
Liver		Hematopoiesis
		Necrosis, Focal
Lung		Lymphocytic Inflammatory Infiltrate
Mammary gland		Dilatation, Ducts
Nasal cavity	Mucosa	Degeneration, Hyaline
Pituitary gland		Cyst, Nos
		Hyperplasia, Chromophobe Cell
Spleen		Hematopoiesis
		Hemosiderosis
Unspecified	Multiple Organs Nos	Hemangiosarcoma
Urinary bladder		Lymphocytic Inflammatory Infiltrate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**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:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Diffuse
Bone		Fibrous Osteodystrophy
Brain	Thalamus	Mineralization
Mammary gland		Dilatation, Ducts
Ovary		Cyst, Nos
Spleen		Hemosiderosis
Stomach	Mucosa	Hyperkeratosis
Unspecified	Multiple Organs Nos	Neurilemoma, Malignant
Uterus	Endometrial Gland	Cyst, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**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:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Capsule

Hyperplasia, Diffuse

Bone

Fibrous Osteodystrophy

Brain

Thalamus

Mineralization

Unspecified

Multiple Organs Nos

Lymphoma, Nos-Malignant

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**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:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Diffuse
Mammary gland		Dilatation, Ducts
Nasal cavity	Mucosa	Degeneration, Hyaline
Ovary		Cyst, Nos
Pituitary gland		Adenoma, Nos
Spleen		Hemosiderosis
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrial Gland	Cyst, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**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	Capsule	Hyperplasia, Diffuse
Bone		Fibrous Osteodystrophy
Brain	Thalamus	Mineralization
Lung		Hemorrhage
		Lymphocytic Inflammatory Infiltrate
Nasal cavity	Mucosa	Degeneration, Hyaline
Pituitary gland		Hyperplasia, Chromophobe Cell
Spleen		Hemosiderosis
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrial Gland	Cyst, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_026

**TRT#:** 1  
**DOSE:** 030.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Diffuse
Bone		Fibrous Osteodystrophy
Brain	Thalamus	Mineralization
Liver		Cytoplasmic Vacuolization
		Lymphocytic Inflammatory Infiltrate
Lung		Alveolar/Bronchiolar Carcinoma
Nasal cavity	Mucosa	Degeneration, Hyaline
Ovary		Cyst, Nos
Pituitary gland		Hyperplasia, Chromophobe Cell
Spleen		Hemosiderosis
Unspecified	Mediastinum Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrial Gland	Cyst, Nos

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_027

**TRT#:** 1  
**DOSE:** 030.0 MG/KG

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Diffuse
Brain	Thalamus	Mineralization
Eye	Nasolacrimal Duct	Hyperplasia, Papillary
Liver		Cytoplasmic Vacuolization
Lung		Lymphocytic Inflammatory Infiltrate
Nasal cavity	Mucosa	Degeneration, Hyaline
Ovary		Cyst, Hemorrhagic
Spleen		Hematopoiesis
		Hemosiderosis
Uterus	Endometrial Gland	Cyst, Nos

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**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:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Intestine Small  
Liver

Capsule  
Mesentery Nos

Hyperplasia, Focal  
Necrosis, Fat  
Cytoplasmic Vacuolization  
Hepatocellular Adenoma  
Alveolar/Bronchiolar Adenoma  
Lymphocytic Inflammatory Infiltrate  
Lymphocytic Inflammatory Infiltrate  
Hemosiderosis  
Lymphocytic Inflammatory Infiltrate  
Cyst, Ultimobranchial  
Hyperplasia, Follicular Cell  
Cyst, Nos  
Lymphocytic Inflammatory Infiltrate

Lung

Salivary gland

Spleen

Stomach

Thymus

Thyroid

Uterus

Endometrial Gland  
Broad Ligament

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**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**

Adrenal gland	Capsule	Hyperplasia, Diffuse
Bone		Fibrous Osteodystrophy
Bone marrow		Hyperplasia, Granulocytic
Intestine Small	Ileum, Ileum	Amyloidosis
Kidney		Lymphocytic Inflammatory Infiltrate
Liver		Cytoplasmic Vacuolization
		Lymphocytic Inflammatory Infiltrate
Lung		Congestion, Nos
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
	Mesenteric Lymph Node	Lymphangiectasis
Nasal cavity	Mucosa	Degeneration, Hyaline
Ovary		Cyst, Nos
Pituitary gland		Hyperplasia, Chromophobe Cell
Spleen		Hematopoiesis
		Hemosiderosis
		Hyperplasia, Lymphoid
Unspecified	Flank	Hemangiosarcoma
Uterus	Endometrial Gland	Cyst, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**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:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland		Ectopia
Bone		Fibrous Osteodystrophy
Brain	Thalamus	Mineralization
Kidney		Lymphocytic Inflammatory Infiltrate
Liver		Hematopoiesis
		Lymphocytic Inflammatory Infiltrate
Ovary		Cyst, Hemorrhagic
Pituitary gland		Adenoma, Nos
Salivary gland		Lymphocytic Inflammatory Infiltrate
Thyroid		Cyst, Follicular Nos
Unspecified	Multiple Organs Nos	Hemangiosarcoma
	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type
Urinary bladder		Lymphocytic Inflammatory Infiltrate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**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	Capsule	Hyperplasia, Diffuse
Bone		Fibrous Osteodystrophy
Brain	Thalamus	Mineralization
Liver		Cytoplasmic Vacuolization
Nasal cavity	Mucosa	Degeneration, Hyaline
Ovary		Cyst, Nos
Spleen		Hemosiderosis
		Hyperplasia, Lymphoid
Thyroid	Follicle	Hyperplasia, Papillary
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrial Gland	Cyst, Nos

**PRIMARY CAUSE OF DEATH**

-



**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_032

**TRT#:** 1  
**DOSE:** 030.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Diffuse
Brain	Thalamus	Mineralization
Liver		Cytoplasmic Vacuolization
		Hepatocellular Adenoma
		Lymphocytic Inflammatory Infiltrate
Lung		Lymphocytic Inflammatory Infiltrate
Salivary gland		Lymphocytic Inflammatory Infiltrate
Spleen		Hemosiderosis
Uterus	Endometrial Gland	Cyst, Nos
		Inflammation, Acute Diffuse
	Broad Ligament	Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**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:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Diffuse
Bone		Fibrous Osteodystrophy
Bone marrow		Hyperplasia, Granulocytic
Kidney		Lymphocytic Inflammatory Infiltrate
Liver		Cytoplasmic Vacuolization
		Necrosis, Diffuse
Nasal cavity	Mucosa	Degeneration, Hyaline
Spleen		Hemosiderosis
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_034

**TRT#:** 1  
**DOSE:** 030.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Bone		Fibrous Osteodystrophy
Liver		Cytoplasmic Vacuolization
Lymph node	Mediastinal Lymph Node	Hyperplasia, Lymphoid
Salivary gland		Lymphocytic Inflammatory Infiltrate
Spleen		Hemosiderosis
		Hyperplasia, Lymphoid
Urinary bladder		Lymphocytic Inflammatory Infiltrate
Uterus		Lymphoma, Histiocytic-Malignant Type

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**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:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Diffuse
Bone		Fibrous Osteodystrophy
Eye	Nasolacrimal Duct	Inflammation, Chronic Focal
Kidney		Lymphocytic Inflammatory Infiltrate
Liver		Cytoplasmic Vacuolization
Ovary		Cyst, Nos
Pancreas		Cystic Ducts
Salivary gland		Lymphocytic Inflammatory Infiltrate
Spleen		Hemosiderosis
Thymus		Cyst, Nos
Urinary bladder		Lymphocytic Inflammatory Infiltrate
Uterus	Endometrial Gland	Cyst, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**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:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Brain	Thalamus	Mineralization
Liver		Cytoplasmic Vacuolization
Nasal cavity	Mucosa	Degeneration, Hyaline
Ovary		Cyst, Hemorrhagic
		Cyst, Nos
Pituitary gland		Cyst, Hemorrhagic
Spleen		Hemosiderosis
Thyroid		Cyst, Follicular Nos
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrial Gland	Cyst, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_037

**TRT#:** 1  
**DOSE:** 030.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Diffuse
Bone		Fibrous Osteodystrophy
Brain	Thalamus	Mineralization
Eye	Nasolacrimal Duct	Hyperplasia, Focal
Kidney		Amyloidosis
Lung		Lymphocytic Inflammatory Infiltrate
Ovary		Lymphocytic Inflammatory Infiltrate
Salivary gland		Lymphocytic Inflammatory Infiltrate
Spleen		Hemosiderosis
Thymus		Cyst, Nos
Uterus	Endometrial Gland	Cyst, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**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	Capsule	Hyperplasia, Diffuse
Liver		Cytoplasmic Vacuolization
Nasal cavity	Mucosa	Degeneration, Hyaline
Ovary		Cyst, Hemorrhagic
		Cyst, Nos
Pancreas	Islets	Hyperplasia, Focal
Spleen		Hemosiderosis
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Urinary bladder		Lymphocytic Inflammatory Infiltrate
Uterus	Endometrial Gland	Cyst, Nos

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**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:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Ectopia
	Capsule	Hyperplasia, Diffuse
Bone		Fibrous Osteodystrophy
Bone marrow		Hyperplasia, Granulocytic
Liver		Hematopoiesis
		Lymphocytic Inflammatory Infiltrate
Lung		Osteosarcoma, Metastatic
Lymph node	Mediastinal Lymph Node	Lymphoma, Lymphocytic-Malignant Type
Nasal cavity	Mucosa	Degeneration, Hyaline
Ovary		Cyst, Hemorrhagic
		Cyst, Nos
Pancreas	Islets	Hyperplasia, Focal
Pituitary gland		Hyperplasia, Chromophobe Cell
Spleen		Hematopoiesis
		Hemosiderosis
Unspecified	Flank	Osteosarcoma
Uterus	Endometrial Gland	Cyst, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_040

**TRT#:** 1  
**DOSE:** 030.0 MG/KG

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

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

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**OBSERVATIONS**

Lung		Alveolar/Bronchiolar Adenoma
Nasal cavity	Mucosa	Degeneration, Hyaline
Unspecified	Multiple Organs Nos	Lymphoma, Undifferentiated-Malignant Type

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_041

**TRT#:** 1  
**DOSE:** 030.0 MG/KG

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Diffuse
Bone		Fibrous Osteodystrophy
Brain	Thalamus	Mineralization
Harderian gland	Hardarian Gland	Papillary Adenoma
Kidney		Lymphocytic Inflammatory Infiltrate
		Metaplasia, Osseous
Liver		Cytoplasmic Vacuolization
		Lymphocytic Inflammatory Infiltrate
Lung		Alveolar/Bronchiolar Adenoma
Nasal cavity	Mucosa	Degeneration, Hyaline
Pituitary gland		Hyperplasia, Chromophobe Cell
Salivary gland		Lymphocytic Inflammatory Infiltrate
Spleen		Hemosiderosis
Thymus		Cyst, Nos
Thyroid		Cyst, Follicular Nos
Uterus	Endometrial Gland	Cyst, Nos
		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_042

**TRT#:** 1  
**DOSE:** 030.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Diffuse
Bone		Fibrous Osteodystrophy
Bone marrow		Hyperplasia, Granulocytic
Brain	Thalamus	Mineralization
Liver	Intrahepatic Bile Duct	Cyst, Nos Cytoplasmic Vacuolization
Lung		Lymphocytic Inflammatory Infiltrate
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Mammary gland		Dilatation, Ducts
Pancreas		Cyst, Nos Hyperplasia, Focal
Pituitary gland	Islets	Hyperplasia, Chromophobe Cell
Salivary gland		Lymphocytic Inflammatory Infiltrate
Spleen		Hematopoiesis Hemosiderosis Hyperplasia, Lymphoid
Unspecified	Groin	Neurilemoma, Malignant
Uterus	Endometrium	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**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	Capsule	Hyperplasia, Diffuse
Liver		Cytoplasmic Vacuolization
Mammary gland		Dilatation, Ducts
Nasal cavity	Mucosa	Degeneration, Hyaline
Ovary		Cyst, Hemorrhagic
		Cyst, Nos
Pancreas	Islets	Hyperplasia, Focal
Pituitary gland		Adenoma, Nos
		Hyperplasia, Chromophobe Cell
Salivary gland		Lymphocytic Inflammatory Infiltrate
Spleen		Hemosiderosis
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrial Gland	Cyst, Nos
		Endometrial Stromal Polyp

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_044

**TRT#:** 1  
**DOSE:** 030.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Diffuse
Bone		Fibrous Osteodystrophy
Brain	Thalamus	Mineralization
Liver		Cytoplasmic Vacuolization
Nasal cavity	Mucosa	Degeneration, Hyaline
Ovary		Cyst, Nos
Pituitary gland		Hyperplasia, Chromophobe Cell
Spleen		Hemosiderosis
		Hyperplasia, Lymphoid
Thyroid	Follicle	Hyperplasia, Papillary
Uterus	Endometrial Gland	Cyst, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**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**

Adrenal gland	Capsule	Hyperplasia, Diffuse
Bone		Fibrous Osteodystrophy
Brain	Thalamus	Mineralization
Kidney		Lymphocytic Inflammatory Infiltrate
Liver		Cytoplasmic Vacuolization
Lung		Lymphocytic Inflammatory Infiltrate
Ovary		Cyst, Hemorrhagic
		Hyperplasia, Papillary
Salivary gland		Lymphocytic Inflammatory Infiltrate
Spleen		Hemosiderosis

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**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	Capsule	Hyperplasia, Diffuse
Bone		Fibrous Osteodystrophy
Kidney		Lymphocytic Inflammatory Infiltrate
Liver		Cytoplasmic Vacuolization
Nasal cavity	Mucosa	Degeneration, Hyaline
Ovary		Cyst, Nos
Spleen		Hemosiderosis
Thyroid		Cyst, Follicular Nos
Uterus	Endometrial Gland	Cyst, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**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		Fibrous Osteodystrophy
Kidney	Tubule	Degeneration, Nos
Mammary gland		Dilatation, Ducts
Nasal cavity	Mucosa	Degeneration, Hyaline
Ovary		Cyst, Hemorrhagic
Pituitary gland		Adenoma, Nos
Spleen		Hemosiderosis
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrial Gland	Cyst, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_048

**TRT#:** 1  
**DOSE:** 030.0 MG/KG

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

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

---

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Diffuse
Bone		Fibrous Osteodystrophy
Eye	Nasolacrimal Duct	Inflammation, Chronic Focal
Kidney		Infarct, Focal
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**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**

Adrenal gland	Capsule	Hyperplasia, Diffuse
Blood		Leukocytosis, Nos
Bone		Fibrous Osteodystrophy
Bone marrow		Hyperplasia, Granulocytic
Kidney	Tubule	Degeneration, Nos
		Lymphocytic Inflammatory Infiltrate
Liver		Hematopoiesis
Nasal cavity	Mucosa	Degeneration, Hyaline
Salivary gland		Lymphocytic Inflammatory Infiltrate
Spleen		Hematopoiesis
		Hemosiderosis
Unspecified	Abdominal Cavity	Inflammation, Chronic Focal
Urinary bladder		Lymphocytic Inflammatory Infiltrate
Uterus		Adenocarcinoma, Nos
	Endometrial Gland	Cyst, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**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**

Adrenal gland	Capsule	Hyperplasia, Diffuse
Bone		Fibrous Osteodystrophy
Bone marrow		Hyperplasia, Granulocytic
Nasal cavity	Mucosa	Degeneration, Hyaline
Pancreas		Atrophy, Focal
Pituitary gland		Adenoma, Nos
Spleen		Hemosiderosis
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrial Gland	Cyst, Nos
	Broad Ligament	Necrosis, Fat

PRIMARY CAUSE OF DEATH

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**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_001

**TRT#:** 2  
**DOSE:** 015.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

---

**OBSERVATIONS**

Liver		Lymphocytic Inflammatory Infiltrate
Spleen		Hemosiderosis
Uterus	Endometrial Gland	Cyst, Nos

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_002

**TRT#:** 2  
**DOSE:** 015.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

---

**OBSERVATIONS**

Kidney		Tubular-Cell Adenocarcinoma
Liver		Cytoplasmic Vacuolization
Spleen		Hemosiderosis
		Lymphoma, Mixed-Malignant Type
Uterus	Endometrial Gland	Cyst, Nos

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_003

**TRT#:** 2  
**DOSE:** 015.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

---

**OBSERVATIONS**

Spleen

Hemosiderosis  
Hyperplasia, Lymphoid  
Cyst, Nos

Uterus

Endometrial Gland

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_004

**TRT#:** 2  
**DOSE:** 015.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

---

**OBSERVATIONS**

Spleen		Hemosiderosis
Uterus	Endometrial Gland	Cyst, Nos
		Lymphoma, Histiocytic-Malignant Type

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_005

**TRT#:** 2  
**DOSE:** 015.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

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**OBSERVATIONS**

Spleen  
Uterus

Endometrial Gland

Hemosiderosis  
Cyst, Nos

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 2\_006

**TRT#:** 2  
**DOSE:** 015.0 MG/KG

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

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

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**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Diffuse
Brain	Thalamus	Mineralization
Nasal cavity	Mucosa	Degeneration, Hyaline
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_007

**TRT#:** 2  
**DOSE:** 015.0 MG/KG

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

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

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**OBSERVATIONS**

Lung		Lymphocytic Inflammatory Infiltrate
Spleen		Hemangiosarcoma
Stomach	Forestomach	Squamous Cell Papilloma
Uterus	Endometrial Gland	Cyst, Nos

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 2\_008

**TRT#:** 2  
**DOSE:** 015.0 MG/KG

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

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

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**OBSERVATIONS**

Lung  
Spleen

Congestion, Nos  
Hemosiderosis

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_009

**TRT#:** 2  
**DOSE:** 015.0 MG/KG

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

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

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**OBSERVATIONS**

Bone marrow		Fibrosis, Myelo
Liver		Necrosis, Focal
Lung		Lymphocytic Inflammatory Infiltrate
Nasal cavity	Mucosa	Degeneration, Hyaline
Spleen		Hemosiderosis
Uterus	Endometrial Gland	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_010

**TRT#:** 2  
**DOSE:** 015.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

---

**OBSERVATIONS**

Liver		Hepatocellular Adenoma
Spleen		Hemosiderosis
Uterus	Endometrial Gland	Cyst, Nos

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_011

**TRT#:** 2  
**DOSE:** 015.0 MG/KG

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

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

---

**OBSERVATIONS**

Ovary  
Spleen  
Uterus

Endometrial Gland

Cyst, Nos  
Hemosiderosis  
Cyst, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_012

**TRT#:** 2  
**DOSE:** 015.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

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**OBSERVATIONS**

Kidney	Tubule	Degeneration, Hyaline
Spleen		Hemosiderosis
Unspecified	Multiple Organs Nos	Histiocytic Sarcoma

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_013

**TRT#:** 2  
**DOSE:** 015.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

---

**OBSERVATIONS**

Ovary  
Spleen

Cyst, Nos  
Hemosiderosis  
Hyperplasia, Lymphoid  
Cyst, Nos

Uterus                      Endometrial Gland

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_014

**TRT#:** 2  
**DOSE:** 015.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

---

**OBSERVATIONS**

Spleen  
Unspecified

Multiple Organs Nos

Hemosiderosis  
Lymphoma, Histiocytic-Malignant Type

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_015

**TRT#:** 2  
**DOSE:** 015.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

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**OBSERVATIONS**

Liver		Cytoplasmic Vacuolization
Spleen		Hemosiderosis
Uterus	Endometrial Gland	Cyst, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_016

**TRT#:** 2  
**DOSE:** 015.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

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**OBSERVATIONS**

Gall bladder  
Liver  
Ovary  
Spleen  
Uterus

Hyperplasia, Papillary  
Hepatocellular Adenoma  
Cyst, Nos  
Hemosiderosis  
Angiectasis  
Cyst, Nos

Endometrial Gland

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_017

**TRT#:** 2  
**DOSE:** 015.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

---

**OBSERVATIONS**

Liver		Cytoplasmic Vacuolization
Spleen		Hemosiderosis
		Hyperplasia, Lymphoid
Uterus	Endometrial Gland	Cyst, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_018

**TRT#:** 2  
**DOSE:** 015.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

---

**OBSERVATIONS**

Liver		Hepatocellular Carcinoma
Spleen		Hemosiderosis
		Hyperplasia, Lymphoid
Uterus	Endometrial Gland	Cyst, Nos

---

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_019

**TRT#:** 2  
**DOSE:** 015.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

---

**OBSERVATIONS**

Ovary

Cyst, Nos  
Inflammation, Acute

Spleen

Hemosiderosis  
Hyperplasia, Lymphoid

Uterus

Endometrial Gland

Cyst, Nos

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_020

**TRT#:** 2  
**DOSE:** 015.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

---

**OBSERVATIONS**

Liver		Cytoplasmic Vacuolization
Ovary		Cyst, Nos
Spleen		Hemosiderosis
Uterus	Endometrial Gland	Cyst, Nos

---

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_021

**TRT#:** 2  
**DOSE:** 015.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

---

**OBSERVATIONS**

Intestine Small  
Kidney

Duodenum  
Tubule

Lymphoma, Undifferentiated-Malignant Type  
Degeneration, Hyaline  
Lymphocytic Inflammatory Infiltrate  
Hematopoiesis  
Inflammation, Acute/Chronic  
Hematopoiesis  
Cyst, Nos

Liver  
Ovary  
Spleen  
Uterus

Endometrial Gland

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_022

**TRT#:** 2  
**DOSE:** 015.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

---

**OBSERVATIONS**

Ovary		Cyst, Nos
Spleen		Hemosiderosis
Stomach	Forestomach	Squamous Cell Papilloma
Uterus	Endometrial Gland	Cyst, Nos
		Dilatation, Nos

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_023

**TRT#:** 2  
**DOSE:** 015.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

---

**OBSERVATIONS**

Liver		Cytoplasmic Vacuolization
		Lymphocytic Inflammatory Infiltrate
Spleen		Hemosiderosis
Uterus	Endometrial Gland	Cyst, Nos

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_024

**TRT#:** 2  
**DOSE:** 015.0 MG/KG

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

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

---

**OBSERVATIONS**

Pituitary gland  
Spleen

Adenoma, Nos  
Hematopoiesis  
Hemosiderosis

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_025

**TRT#:** 2  
**DOSE:** 015.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

---

**OBSERVATIONS**

Liver		Cytoplasmic Vacuolization
Spleen		Hemosiderosis
		Hyperplasia, Lymphoid
Uterus	Endometrial Gland	Cyst, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_026

**TRT#:** 2  
**DOSE:** 015.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

---

**OBSERVATIONS**

Liver		Cytoplasmic Vacuolization
Spleen		Hemosiderosis
Uterus	Endometrial Gland	Cyst, Nos

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_027

**TRT#:** 2  
**DOSE:** 015.0 MG/KG

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

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

---

**OBSERVATIONS**

Ovary  
Spleen

Inflammation, Acute/Chronic  
Hematopoiesis  
Hemosiderosis

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_028

**TRT#:** 2  
**DOSE:** 015.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

---

**OBSERVATIONS**

Liver		Cytoplasmic Vacuolization
Ovary		Cyst, Nos
		Inflammation, Chronic
Spleen		Hemosiderosis
Stomach	Forestomach	Hyperplasia, Epithelial
	Mucosa	Ulcer, Nos
Uterus	Endometrial Gland	Cyst, Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_029

**TRT#:** 2  
**DOSE:** 015.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

---

**OBSERVATIONS**

Liver	Cytoplasmic Vacuolization
Spleen	Hemosiderosis

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_030

**TRT#:** 2  
**DOSE:** 015.0 MG/KG

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Diffuse
Bone marrow		Hyperplasia, Granulocytic
Harderian gland	Harderian Gland	Papillary Adenoma
Kidney	Tubule	Metamorphosis, Fatty
Liver		Cytoplasmic Vacuolization
Nasal cavity	Mucosa	Degeneration, Hyaline
Ovary		Cyst, Nos
Pituitary gland		Hyperplasia, Chromophobe Cell
Spleen		Hemosiderosis
Urinary bladder		Edema, Nos
Uterus	Endometrial Gland	Cyst, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_031

**TRT#:** 2  
**DOSE:** 015.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

---

**OBSERVATIONS**

Lung		Alveolar/Bronchiolar Adenoma
Spleen		Hemosiderosis
Uterus	Endometrial Gland	Cyst, Nos

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_032

**TRT#:** 2  
**DOSE:** 015.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

---

**OBSERVATIONS**

Liver		Cytoplasmic Vacuolization
Pituitary gland		Adenoma, Nos
Spleen		Hemosiderosis
		Hyperplasia, Lymphoid
Uterus	Endometrial Gland	Cyst, Nos

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_033

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 015.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Spleen

Hemosiderosis

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_034

**TRT#:** 2  
**DOSE:** 015.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

---

**OBSERVATIONS**

Liver		Histiocytic Sarcoma
Spleen		Hemosiderosis
Stomach	Forestomach	Hyperplasia, Epithelial
	Mucosa	Ulcer, Nos
Uterus	Endometrial Gland	Cyst, Nos

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_035

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 015.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Ovary		Cyst, Nos
Salivary gland		Lymphocytic Inflammatory Infiltrate
Spleen		Hematopoiesis
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus		Sarcoma, Nos

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**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_036

**TRT#:** 2  
**DOSE:** 015.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

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**OBSERVATIONS**

Liver	Cytoplasmic Vacuolization
Spleen	Hemosiderosis

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_037

**TRT#:** 2  
**DOSE:** 015.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

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**OBSERVATIONS**

Liver	Cytoplasmic Vacuolization
Ovary	Cyst, Nos
Spleen	Hemosiderosis

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_038

**TRT#:** 2  
**DOSE:** 015.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

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**OBSERVATIONS**

Liver		Cytoplasmic Vacuolization
Spleen		Hemosiderosis
Uterus	Endometrial Gland	Cyst, Nos
		Endometrial Stromal Polyp

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_039

**TRT#:** 2  
**DOSE:** 015.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

---

**OBSERVATIONS**

Liver		Hepatocellular Carcinoma
Ovary		Cyst, Nos
Spleen		Hemosiderosis
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrial Gland	Cyst, Nos

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_040

**TRT#:** 2  
**DOSE:** 015.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

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**OBSERVATIONS**

Liver  
Spleen  
Uterus

Endometrial Gland

Hemangiosarcoma  
Hemosiderosis  
Angiectasis  
Cyst, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_041

**TRT#:** 2  
**DOSE:** 015.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

---

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Diffuse Pheochromocytoma
Gall bladder		Hyperplasia, Papillary
Kidney		Lymphocytic Inflammatory Infiltrate
Liver		Hemangiosarcoma
Spleen		Hemosiderosis
Uterus	Endometrial Gland	Cyst, Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_042

**TRT#:** 2  
**DOSE:** 015.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

---

**OBSERVATIONS**

Liver  
Pituitary gland  
Spleen

Cytoplasmic Vacuolization  
Adenoma, Nos  
Hemosiderosis

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_043

**TRT#:** 2  
**DOSE:** 015.0 MG/KG

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

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

**OBSERVATIONS**

Intestine Large	Colon	Impaction, Nos
Kidney		Adenocarcinoma, Nos, Metastatic
Liver		Necrosis, Focal
Lung		Adenocarcinoma, Nos, Metastatic
		Alveolar/Bronchiolar Adenoma
Lymph node	Renal Lymph Node	Adenocarcinoma, Nos, Metastatic
	Mesenteric Lymph Node	Hemorrhage
Spleen		Hemosiderosis
Uterus		Adenocarcinoma, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 2\_044

**TRT#:** 2  
**DOSE:** 015.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

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**OBSERVATIONS**

Liver		Cytoplasmic Vacuolization
Pituitary gland		Adenoma, Nos
Spleen		Hemosiderosis
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_045

**TRT#:** 2  
**DOSE:** 015.0 MG/KG

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

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

**OBSERVATIONS**

Adrenal gland	Capsule Cortex Nos	Hyperplasia, Diffuse Hyperplasia, Nodular
Liver		Cytoplasmic Vacuolization Lymphocytic Inflammatory Infiltrate
Nasal cavity	Mucosa	Degeneration, Hyaline
Pancreas	Islets	Hyperplasia, Focal
Parathyroid gland		Ectopia
Salivary gland		Lymphocytic Inflammatory Infiltrate
Spleen		Hemosiderosis
Uterus	Endometrial Gland	Cyst, Nos

PRIMARY CAUSE OF DEATH

-



**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_046

**TRT#:** 2  
**DOSE:** 015.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

---

**OBSERVATIONS**

Liver	Intrahepatic Bile Duct	Cyst, Nos Hepatocellular Adenoma
Pituitary gland		Angiectasis Hyperplasia, Chromophobe Cell
Spleen		Hemosiderosis
Uterus		Hyperplasia, Lymphoid Neurilemoma, Malignant

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_047

**TRT#:** 2  
**DOSE:** 015.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

---

**OBSERVATIONS**

Liver	Cytoplasmic Vacuolization
Spleen	Hemosiderosis

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_048

**TRT#:** 2  
**DOSE:** 015.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

---

**OBSERVATIONS**

Spleen

Hemosiderosis  
Hyperplasia, Lymphoid  
Cyst, Nos

Uterus

Endometrial Gland

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_049

**TRT#:** 2  
**DOSE:** 015.0 MG/KG

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

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

**OBSERVATIONS**

Bone marrow		Hyperplasia, Granulocytic
Intestine Small	Mesentery Nos	Necrosis, Fat
Liver		Cytoplasmic Vacuolization
		Necrosis, Focal
Nasal cavity	Mucosa	Degeneration, Hyaline
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Carcinoma, Nos
		Inflammation, Chronic Diffuse
Thymus		Cyst, Ultimobranchial
Thyroid		Cyst, Follicular Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_050

**TRT#:** 2  
**DOSE:** 015.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

---

**OBSERVATIONS**

Liver  
Lung  
Pituitary gland  
Spleen

Cytoplasmic Vacuolization  
Alveolar/Bronchiolar Adenoma  
Adenoma, Nos  
Hematopoiesis  
Hemosiderosis

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_001

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos Capsule	Degeneration, Lipoid Hyperplasia, Diffuse
Bone marrow		Hyperplasia, Granulocytic
Brain	Thalamus	Mineralization
Gall bladder		Edema, Nos
Liver		Hematopoiesis
Nasal cavity	Mucosa	Degeneration, Hyaline
Spleen		Hematopoiesis Hemosiderosis
Thyroid	Follicle	Hyperplasia, Papillary
Unspecified	Multiple Organs Nos Groin	Lymphocytic Inflammatory Infiltrate Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_002

**TRT#:** 3  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos  
Capsule

Congestion, Nos  
Hyperplasia, Focal

Bone marrow

Congestion, Nos

Brain

Thalamus

Mineralization

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_003

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Diffuse
Bone		Fibrous Osteodystrophy
Brain	Thalamus	Mineralization
Nasal cavity	Mucosa	Degeneration, Hyaline
Pancreas	Islets	Hyperplasia, Focal
Pituitary gland		Hyperplasia, Chromophobe Cell
Spleen		Hemosiderosis
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrial Gland	Cyst, Nos
		Dilatation, Nos

PRIMARY CAUSE OF DEATH

-



**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_004

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Diffuse
Bone		Fibrous Osteodystrophy
Brain	Thalamus	Mineralization
Liver		Hematopoiesis
Lung		Lymphocytic Inflammatory Infiltrate
Nasal cavity	Mucosa	Degeneration, Hyaline
Ovary		Cyst, Nos
Pancreas	Islets	Hyperplasia, Focal
		Lymphocytic Inflammatory Infiltrate
Spleen		Hemosiderosis
Uterus	Endometrial Gland	Cyst, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_005

**TRT#:** 3  
**DOSE:** 0

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Diffuse
Bone marrow		Hyperplasia, Granulocytic
Brain	Nerve Tract	Lymphocytic Inflammatory Infiltrate
	Thalamus	Mineralization
Ovary		Inflammation, Chronic Diffuse
Spleen		Hemosiderosis
		Hyperplasia, Lymphoid
Stomach	Mucosa	Hyperkeratosis
Unspecified	Multiple Organs Nos	Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_006

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos Capsule	Degeneration, Lipoid Hyperplasia, Diffuse
Bone		Fibrous Osteodystrophy
Brain	Thalamus	Mineralization
Eye	Nasolacrimal Duct Nasolacrimal Duct	Hyperplasia, Papillary Inflammation, Chronic Focal
Kidney		Infarct, Focal
Liver		Cytoplasmic Vacuolization
Nasal cavity	Mucosa	Degeneration, Hyaline
Ovary		Cyst, Hemorrhagic
Pituitary gland		Adenoma, Nos
Spleen		Hemosiderosis
Thymus		Cyst, Ultimobranchial
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrial Gland	Cyst, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_007

**TRT#:** 3  
**DOSE:** 0

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Diffuse
Bone marrow		Hyperplasia, Granulocytic
Brain	Thalamus	Mineralization
Eye	Nasolacrimal Duct	Hyperplasia, Diffuse
Kidney	Tubule	Degeneration, Hyaline
Liver		Histiocytic Sarcoma
Lung		Alveolar/Bronchiolar Adenoma
Lymph node	Mesenteric Lymph Node	Histiocytic Sarcoma
Spleen		Hematopoiesis
		Hemosiderosis
Stomach	Mucosa	Ulcer, Nos
Trachea		Hemorrhage

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_008

**TRT#:** 3  
**DOSE:** 0

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Diffuse
Blood		Leukocytosis, Nos
Bone marrow		Hyperplasia, Granulocytic
Brain	Thalamus	Mineralization
Liver		Cytoplasmic Vacuolization
		Lymphocytic Inflammatory Infiltrate
Lung		Lymphocytic Inflammatory Infiltrate
Nasal cavity	Mucosa	Degeneration, Hyaline
Pituitary gland		Adenoma, Nos
		Hyperplasia, Chromophobe Cell
Spleen		Hemosiderosis
Unspecified	Multiple Organs Nos	Lymphoma, Undifferentiated-Malignant Type
Uterus	Endometrial Gland	Cyst, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_009

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Diffuse
Bone		Fibrous Osteodystrophy
Brain	Thalamus	Mineralization
Kidney	Tubule	Degeneration, Nos
		Lymphocytic Inflammatory Infiltrate
Liver		Hepatocellular Adenoma
Lung		Lymphocytic Inflammatory Infiltrate
Ovary		Cyst, Hemorrhagic
Spleen		Hemosiderosis
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrial Gland	Cyst, Nos
		Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_010

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Diffuse
Bone		Fibrous Osteodystrophy
Brain	Thalamus	Mineralization
Gall bladder		Degeneration, Hyaline
Intestine Small	Mesentery Nos	Necrosis, Fat
Liver		Cytoplasmic Vacuolization
Lymph node	Mesenteric Lymph Node	Hemosiderosis
	Mandibular Lymph Node	Hyperplasia, Lymphoid
	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Nasal cavity	Mucosa	Degeneration, Hyaline
Pancreas	Islets	Hyperplasia, Focal
Pituitary gland		Hyperplasia, Chromophobe Cell
Spleen		Hemosiderosis
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrial Gland	Cyst, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_011

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Diffuse
Brain	Thalamus	Mineralization
Eye	Nasolacrimal Duct	Hyperplasia, Focal
	Nasolacrimal Duct	Inflammation, Chronic Focal
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid
	Mandibular Lymph Node	Pigmentation, Nos
Mammary gland		Dilatation, Ducts
Nasal cavity	Mucosa	Degeneration, Hyaline
Pituitary gland		Adenoma, Nos
Spleen		Hemosiderosis
Thyroid	Follicle	Hyperplasia, Papillary
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate

**PRIMARY CAUSE OF DEATH**

-



**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_012

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Diffuse
Bone		Fibrous Osteodystrophy
Lymph node	Mandibular Lymph Node	Pigmentation, Nos
Spleen		Hemosiderosis
Thyroid		Cyst, Follicular Nos
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrial Gland	Cyst, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_013

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Bone		Fibrous Osteodystrophy
Brain	Thalamus	Mineralization
Mammary gland		Dilatation, Ducts
Nasal cavity	Mucosa	Degeneration, Hyaline
	Mucosa	Inflammation, Acute Focal
Ovary		Cyst, Hemorrhagic
Pancreas	Islets	Hyperplasia, Focal
Pituitary gland		Adenoma, Nos
Spleen		Hematopoiesis
		Hemosiderosis
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrial Gland	Cyst, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_014

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Diffuse
Bone		Fibrous Osteodystrophy
Brain	Thalamus	Mineralization
Eye	Nasolacrimal Duct	Hyperplasia, Diffuse
	Nasolacrimal Duct	Inflammation, Chronic Focal
Kidney		Lymphocytic Inflammatory Infiltrate
Liver		Hepatocellular Adenoma
Lung		Lymphocytic Inflammatory Infiltrate
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
	Mesenteric Lymph Node	Hyperplasia, Lymphoid
	Mandibular Lymph Node	Pigmentation, Nos
Mammary gland		Dilatation, Ducts
Nasal cavity	Mucosa	Degeneration, Hyaline
Ovary		Lymphocytic Inflammatory Infiltrate
Pituitary gland		Adenoma, Nos
Spleen		Hemosiderosis
Thyroid		Cyst, Follicular Nos
Uterus	Endometrial Gland	Cyst, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_015

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Diffuse
Brain	Thalamus	Mineralization
Nasal cavity	Mucosa	Degeneration, Hyaline
Ovary		Cyst, Hemorrhagic
Spleen		Hemosiderosis
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrial Gland	Cyst, Nos

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_016

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Diffuse
Bone marrow		Hyperplasia, Granulocytic
Brain	Thalamus	Mineralization
Liver		Cytoplasmic Vacuolization
Nasal cavity	Mucosa	Degeneration, Hyaline
Pituitary gland		Adenoma, Nos
Spleen		Hematopoiesis
		Hemosiderosis
		Hyperplasia, Lymphoid
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrial Gland	Cyst, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_017

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Brain	Thalamus	Mineralization
Eye	Nasolacrimal Duct	Inflammation, Chronic Focal
Kidney		Lymphocytic Inflammatory Infiltrate
Lung		Lymphocytic Inflammatory Infiltrate
Mammary gland		Dilatation, Ducts
Nasal cavity	Mucosa	Degeneration, Hyaline
Ovary		Cyst, Nos
Pituitary gland		Adenoma, Nos
Spleen		Hemosiderosis

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_018

**TRT#:** 3  
**DOSE:** 0

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Diffuse
Bone		Fibrous Osteodystrophy
Liver		Hemosiderosis
		Lymphocytic Inflammatory Infiltrate
Lung		Congestion, Nos
Nasal cavity	Mucosa	Degeneration, Hyaline
Ovary		Fibrosis
		Inflammation, Nos
Pancreas	Islets	Hyperplasia, Nos
Spleen		Hemosiderosis
Stomach	Mucosa	Hyperkeratosis
Uterus	Endometrial Gland	Cyst, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_019

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Diffuse
Bone		Fibrous Osteodystrophy
Brain	Thalamus	Mineralization
Kidney		Lymphocytic Inflammatory Infiltrate
Lung		Lymphocytic Inflammatory Infiltrate
Nasal cavity	Mucosa	Degeneration, Hyaline
Ovary		Cyst, Hemorrhagic
		Cyst, Nos
Pituitary gland		Adenoma, Nos
Spleen		Hemosiderosis
Urinary bladder		Lymphocytic Inflammatory Infiltrate
Uterus	Endometrial Gland	Cyst, Nos

PRIMARY CAUSE OF DEATH

-



**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_020

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Diffuse
Bone		Fibrous Osteodystrophy
Bone marrow		Hyperplasia, Granulocytic
Nasal cavity	Mucosa	Degeneration, Hyaline
Ovary		Cyst, Hemorrhagic
Pancreas		Atrophy, Diffuse
		Dilatation, Ducts
Pituitary gland		Hyperplasia, Chromophobe Cell
Spleen		Hemosiderosis
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrial Gland	Cyst, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_021

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Diffuse
Brain	Thalamus	Mineralization
Nasal cavity	Mucosa	Degeneration, Hyaline
Ovary		Cyst, Hemorrhagic
Pancreas		Atrophy, Diffuse
Pituitary gland		Adenoma, Nos
Spleen		Hemosiderosis
Uterus		Cyst, Hemorrhagic
	Endometrial Gland	Cyst, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_022

**TRT#:** 3  
**DOSE:** 0

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Diffuse
Bone		Fibrous Osteodystrophy
Kidney		Glomerulonephritis, Membranous
Liver		Hemangioma
Nasal cavity	Mucosa	Degeneration, Hyaline
Parathyroid gland		Cyst, Ultimobranchial
Spleen		Hemosiderosis
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrial Gland	Cyst, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_023

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Diffuse
Bone		Fibrous Osteodystrophy
Bone marrow		Hyperplasia, Granulocytic
Brain	Thalamus	Mineralization
Eye	Nasolacrimal Duct	Hyperplasia, Diffuse
	Nasolacrimal Duct	Inflammation, Chronic Focal
Lung		Hemorrhage
Lymph node	Mandibular Lymph Node	Pigmentation, Nos
Pancreas	Islets	Hyperplasia, Focal
Pituitary gland		Adenoma, Nos
Spleen		Hemosiderosis
Trachea		Hemorrhage
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type
Uterus	Endometrial Gland	Cyst, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_024

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Bone		Fibrous Osteodystrophy
Bone marrow		Hemangiosarcoma
Brain	Thalamus	Mineralization
Kidney		Lymphocytic Inflammatory Infiltrate
Lung		Lymphocytic Inflammatory Infiltrate
Pituitary gland		Hyperplasia, Chromophobe Cell
Spleen		Hemosiderosis
Urinary bladder		Lymphocytic Inflammatory Infiltrate
Uterus	Endometrial Gland	Cyst, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_025

**TRT#:** 3  
**DOSE:** 0

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Diffuse
Bone marrow		Hemangiosarcoma, Metastatic
		Hyperplasia, Granulocytic
Brain	Thalamus	Mineralization
Lymph node	Mandibular Lymph Node	Pigmentation, Nos
Ovary		Cyst, Nos
Pituitary gland		Hyperplasia, Chromophobe Cell
Spleen		Hemangiosarcoma, Metastatic
		Hemosiderosis
Stomach	Mucosa	Ulcer, Nos
Unspecified	Shoulder	Hemangiosarcoma
	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrial Gland	Cyst, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_026

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Diffuse
Bone		Fibrous Osteodystrophy
Brain	Thalamus	Mineralization
Kidney		Lymphocytic Inflammatory Infiltrate
Liver		Cytoplasmic Vacuolization
Lung		Lymphocytic Inflammatory Infiltrate
Nasal cavity	Mucosa	Degeneration, Hyaline
Ovary		Cyst, Nos
Pancreas		Atrophy, Focal
	Islets	Hyperplasia, Focal
Pituitary gland		Adenoma, Nos
Spleen		Hemosiderosis
Uterus	Endometrial Gland	Cyst, Nos
		Dilatation, Nos
	Broad Ligament	Lymphocytic Inflammatory Infiltrate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_027

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Diffuse
Bone		Fibrous Osteodystrophy
Brain	Thalamus	Mineralization
Liver		Cytoplasmic Vacuolization
Lymph node	Mesenteric Lymph Node	Congestion, Nos
Nasal cavity	Mucosa	Degeneration, Hyaline
Ovary		Cyst, Nos
Pituitary gland		Hyperplasia, Chromophobe Cell
Spleen		Hemosiderosis
		Hyperplasia, Lymphoid
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrial Gland	Cyst, Nos

**PRIMARY CAUSE OF DEATH**

-



**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_028

**TRT#:** 3  
**DOSE:** 0

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Diffuse
Bone		Fibrous Osteodystrophy
Bone marrow		Hyperplasia, Granulocytic
Harderian gland	Hardarian Gland	Carcinoma, Nos
Liver		Hematopoiesis
Lung		Alveolar Macrophages
		Carcinoma, Nos, Metastatic
		Lymphocytic Inflammatory Infiltrate
Mammary gland		Dilatation, Ducts
Nasal cavity	Mucosa	Degeneration, Hyaline
Spleen		Hematopoiesis
		Hemosiderosis
Stomach		Lymphocytic Inflammatory Infiltrate
Unspecified	Back	Fibrosarcoma
Urinary bladder		Lymphocytic Inflammatory Infiltrate
Uterus		Cyst, Hemorrhagic
	Endometrial Gland	Cyst, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_029

**TRT#:** 3  
**DOSE:** 0

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Diffuse
Bone marrow		Hyperplasia, Granulocytic
Brain	Thalamus	Mineralization
Kidney	Tubule	Degeneration, Hyaline Nephrosis, Hydro
Nasal cavity	Mucosa	Degeneration, Hyaline
Pituitary gland		Hyperplasia, Chromophobe Cell
Spleen		Hemosiderosis
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type
Uterus		Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_030

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Diffuse
	Cortex Nos	Hyperplasia, Nodular
Brain	Thalamus	Mineralization
Kidney		Infarct, Focal
		Lymphocytic Inflammatory Infiltrate
Liver		Hepatocellular Adenoma
Lung		Lymphocytic Inflammatory Infiltrate
Lymph node	Mesenteric Lymph Node	Congestion, Nos
	Mesenteric Lymph Node	Hematopoiesis
	Mandibular Lymph Node	Pigmentation, Nos
Nasal cavity	Mucosa	Degeneration, Hyaline
Ovary		Cyst, Hemorrhagic
Parathyroid gland		Cyst, Ultimobranchial
Salivary gland		Lymphocytic Inflammatory Infiltrate
Spleen		Hyperplasia, Lymphoid
Thyroid		Hyperplasia, Follicular Cell
Uterus	Endometrial Gland	Cyst, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_031

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Diffuse
Brain	Thalamus	Mineralization
Kidney		Infarct, Focal
		Lymphocytic Inflammatory Infiltrate
Liver		Cytoplasmic Vacuolization
		Lymphocytic Inflammatory Infiltrate
Lymph node	Mandibular Lymph Node	Pigmentation, Nos
Mammary gland		Dilatation, Ducts
Nasal cavity	Mucosa	Degeneration, Hyaline
Pancreas	Islets	Hyperplasia, Focal
Pituitary gland		Adenoma, Nos
Salivary gland		Lymphocytic Inflammatory Infiltrate
Spleen		Hemosiderosis
Thymus		Cyst, Ultimobranchial

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_032

**TRT#:** 3  
**DOSE:** 0

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Diffuse
Brain	Thalamus	Mineralization
Kidney		Lymphocytic Inflammatory Infiltrate
Liver		Hepatocellular Carcinoma
Lung		Congestion, Nos
		Hepatocellular Carcinoma, Metastatic
Nasal cavity	Mucosa	Degeneration, Hyaline
Parathyroid gland		Cyst, Ultimobranchial
Salivary gland		Lymphocytic Inflammatory Infiltrate
Spleen		Hemosiderosis
Urinary bladder		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_033

**TRT#:** 3  
**DOSE:** 0

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

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

**OBSERVATIONS**

Adrenal gland  
Intestine Large  
Kidney  
Liver

Capsule  
Colon

Hyperplasia, Diffuse  
Cyst, Nos  
Lymphocytic Inflammatory Infiltrate  
Hematopoiesis  
Lymphocytic Inflammatory Infiltrate  
Necrosis, Focal  
Fibrosarcoma, Metastatic  
Hematopoiesis  
Fibrosarcoma  
Leukemoid Reaction

Lung  
Spleen  
Unspecified

Multiple Organs Nos  
Multiple Organs Nos

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_034

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Eye	Nasolacrimal Duct	Inflammation, Chronic Focal
Nasal cavity	Mucosa	Degeneration, Hyaline
Pituitary gland		Adenoma, Nos
Spleen		Hemosiderosis
Thymus		Cyst, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type
Uterus	Endometrial Gland	Cyst, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_035

**TRT#:** 3  
**DOSE:** 0

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

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

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**OBSERVATIONS**

Bone  
Harderian gland  
Kidney  
Spleen  
Uterus

Hardarian Gland

Endometrial Gland

Fibrous Osteodystrophy  
Papillary Adenoma  
Lymphocytic Inflammatory Infiltrate  
Hemosiderosis  
Cyst, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_036

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Diffuse
Bone		Fibrous Osteodystrophy
Brain	Thalamus	Mineralization
Eye	Cornea	Inflammation, Acute/Chronic
	Nasolacrimal Duct	Inflammation, Chronic Focal
Harderian gland	Hardarian Gland	Papillary Adenoma
Liver		Cytoplasmic Vacuolization
Nasal cavity	Mucosa	Degeneration, Hyaline
Ovary		Cyst, Hemorrhagic
Pancreas	Islets	Hyperplasia, Focal
Pituitary gland		Hyperplasia, Chromophobe Cell
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrial Gland	Cyst, Nos Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_037

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Diffuse
Bone		Fibrous Osteodystrophy
Brain	Thalamus	Mineralization
Eye	Nasolacrimal Duct	Inflammation, Chronic Focal
Kidney		Lymphocytic Inflammatory Infiltrate
Liver		Hematopoiesis
Lung		Lymphocytic Inflammatory Infiltrate
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Nasal cavity	Mucosa	Degeneration, Hyaline
Pancreas	Islets	Hyperplasia, Focal
Spleen		Hemosiderosis
		Hyperplasia, Lymphoid
Uterus	Endometrial Gland	Cyst, Nos
		Endometrial Stromal Polyp

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_038

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Diffuse
Bone		Fibrous Osteodystrophy
Brain	Thalamus	Mineralization
Eye	Nasolacrimal Duct	Inflammation, Chronic Focal
Nasal cavity	Mucosa	Amyloid, Nos
Pituitary gland		Adenoma, Nos
		Hyperplasia, Chromophobe Cell
Spleen		Hemosiderosis
		Hyperplasia, Lymphoid
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrial Gland	Cyst, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_039

**TRT#:** 3  
**DOSE:** 0

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Diffuse
Bone		Fibrous Osteodystrophy
Brain	Thalamus	Mineralization
Kidney		Lymphocytic Inflammatory Infiltrate
Liver		Cytoplasmic Vacuolization
Lung		Alveolar/Bronchiolar Adenoma
		Congestion, Nos
	Pleura Nos	Inflammation, Acute Diffuse
Salivary gland		Lymphocytic Inflammatory Infiltrate
Spleen		Hemosiderosis
Unspecified	Mediastinum Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrial Gland	Cyst, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_040

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Diffuse
Bone		Fibrous Osteodystrophy
Bone marrow		Hyperplasia, Granulocytic
Brain	Thalamus	Mineralization
Intestine Small	Mesentery Nos	Necrosis, Fat
Mammary gland		Dilatation, Ducts
Ovary		Cyst, Hemorrhagic
Pituitary gland		Adenoma, Nos
Spleen		Hemosiderosis
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:37  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_041

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Diffuse
	Medulla	Hyperplasia, Focal
Bone		Fibrous Osteodystrophy
Brain	Thalamus	Mineralization
Nasal cavity	Mucosa	Degeneration, Hyaline
Ovary		Cyst, Hemorrhagic
Spleen		Hemosiderosis
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrial Gland	Cyst, Nos
		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_042

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Diffuse
Bone		Fibrous Osteodystrophy
Bone marrow		Hyperplasia, Granulocytic
Brain	Thalamus	Mineralization
Liver		Infarct, Nos
Lung		Hyperplasia, Adenomatous
Nasal cavity	Mucosa	Degeneration, Hyaline
Ovary		Cyst, Hemorrhagic
Spleen		Hemosiderosis
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus		Adenocarcinoma, Nos
	Endometrial Gland	Cyst, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_043

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Diffuse
	Medulla	Lymphocytic Inflammatory Infiltrate
Bone marrow		Hyperplasia, Granulocytic
Brain	Thalamus	Mineralization
Kidney		Lymphocytic Inflammatory Infiltrate
Liver		Hematopoiesis
		Hemosiderosis
		Inflammation, Chronic Focal
Lung		Alveolar Macrophages
		Inflammation, Acute/Chronic
Lymph node	Mandibular Lymph Node	Hemosiderosis
	Mandibular Lymph Node	Hyperplasia, Lymphoid
	Mediastinal Lymph Node	Hyperplasia, Lymphoid
	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Mammary gland		Hyperplasia, Diffuse
Ovary		Cyst, Hemorrhagic
		Cyst, Nos
Pituitary gland		Adenoma, Nos
Spleen		Hematopoiesis
		Hemosiderosis
Unspecified	Thoracic Cavity Nos	Inflammation, Chronic Diffuse
Urinary bladder		Lymphocytic Inflammatory Infiltrate
Uterus	Endometrial Gland	Cyst, Nos

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_044

**TRT#:** 3  
**DOSE:** 0

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Diffuse
Bone		Fibrous Osteodystrophy
Brain	Thalamus	Mineralization
Kidney		Amyloidosis
		Lymphocytic Inflammatory Infiltrate
Lung		Congestion, Nos
Nasal cavity	Mucosa	Degeneration, Hyaline
Salivary gland		Lymphocytic Inflammatory Infiltrate
Spleen		Hemosiderosis
Uterus	Endometrial Gland	Cyst, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_045

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Diffuse
Bone		Fibrous Osteodystrophy
Brain	Thalamus	Mineralization
Kidney		Lymphocytic Inflammatory Infiltrate
Liver		Cytoplasmic Vacuolization
		Lymphocytic Inflammatory Infiltrate
Nasal cavity	Mucosa	Degeneration, Hyaline
Salivary gland		Lymphocytic Inflammatory Infiltrate
Spleen		Hemosiderosis
Thyroid		Cyst, Follicular Nos
Uterus		Cyst, Hemorrhagic
	Endometrial Gland	Cyst, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_046

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Adrenal gland  
Brain  
Intestine Small  
Liver

Capsule  
Thalamus  
Mesentery Nos

Lung  
Lymph node  
Nasal cavity  
Ovary  
Spleen  
Uterus

Mandibular Lymph Node  
Mucosa  
  
Endometrial Gland

Hyperplasia, Diffuse  
Mineralization  
Necrosis, Fat  
Cytoplasmic Vacuolization  
Hemangioma  
Lymphocytic Inflammatory Infiltrate  
Lymphocytic Inflammatory Infiltrate  
Hyperplasia, Lymphoid  
Degeneration, Hyaline  
Cyst, Nos  
Hemosiderosis  
Angiectasis  
Cyst, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_047

**TRT#:** 3  
**DOSE:** 0

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Diffuse
Brain	Thalamus	Mineralization
Kidney		Necrosis, Focal
Liver		Necrosis, Focal
Mammary gland		Dilatation, Ducts
Nasal cavity	Mucosa	Degeneration, Hyaline
Ovary		Cyst, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Undifferentiated-Malignant Type
Uterus	Endometrial Gland	Cyst, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_048

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Diffuse
Bone		Fibrous Osteodystrophy
Brain	Thalamus	Mineralization
Liver		Lymphocytic Inflammatory Infiltrate
Lung		Alveolar/Bronchiolar Carcinoma
Nasal cavity	Mucosa	Degeneration, Hyaline
Salivary gland		Lymphocytic Inflammatory Infiltrate
Spleen		Hemosiderosis
Urinary bladder		Lymphocytic Inflammatory Infiltrate
Uterus	Endometrial Gland	Cyst, Nos

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_049

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Diffuse
Bone		Fibrous Osteodystrophy
Gall bladder		Degeneration, Hyaline
Liver		Hepatocellular Adenoma
		Metamorphosis, Fatty
Nasal cavity	Mucosa	Degeneration, Hyaline
Ovary		Cyst, Hemorrhagic
Pituitary gland		Adenoma, Nos
Spleen		Hemosiderosis
		Hyperplasia, Lymphoid
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56428  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N,N-Dimethylaniline  
**CAS Number:** 121-69-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:55:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_050

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Bone		Fibrous Osteodystrophy
Brain	Thalamus	Mineralization
Liver		Metamorphosis, Fatty
Lung		Alveolar Macrophages
		Alveolar/Bronchiolar Carcinoma
Nasal cavity	Mucosa	Degeneration, Hyaline
Pituitary gland		Adenoma, Nos
Salivary gland		Atrophy, Nos
Spleen		Hemosiderosis
		Hyperplasia, Lymphoid
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

**\*\* END OF REPORT \*\***