

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

<b>C Number:</b>	C55232
<b>Cage Range:</b>	All
<b>Date Range:</b>	All
<b>Reasons For Removal:</b>	All
<b>Removal Date Range:</b>	All
<b>Treatment Groups:</b>	All
<b>Study Gender:</b>	Female

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_001

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Acute/Chronic
Liver		Necrosis, Focal
Ovary		Abscess, Nos
Spleen	Red Pulp	Hematopoiesis
Unspecified	Mediastinum Nos	Inflammation, Acute/Chronic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_002

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Bone marrow		Hyperplasia, Focal
Liver		Hematopoiesis
Lymph node	Renal Lymph Node	Plasmacytosis
Ovary		Abscess, Nos
Peritoneum		Inflammation, Acute/Chronic
Spleen	Red Pulp	Hematopoiesis

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_003

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Ovary		Abscess, Nos
Peritoneum		Inflammation, Acute/Chronic
Spleen	Red Pulp	Hematopoiesis
Thymus		Depletion, Lymphoid
Urinary bladder	Submucosa	Edema, Nos
Uterus		Inflammation, Acute/Chronic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55232

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Xylenes (mixed)

**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:39:56

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_004

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Ovary

Peritoneum

Abscess, Nos

Inflammation, Acute/Chronic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_005

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland		Hematopoiesis
Liver		Hematopoiesis
Ovary		Abscess, Nos
Peritoneum		Inflammation, Acute/Chronic
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Spleen	Red Pulp	Hematopoiesis
	Follicles	Necrosis, Focal
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_006

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Unspecified  
Uterus

Multiple Organs Nos  
Endometrial Gland

Lymphoma, Mixed-Malignant Type  
Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_007

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney	Capsule	Inflammation, Acute/Chronic
Liver		Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Uterus	Endometrial Gland	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---



**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_008

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Bone marrow

Fibrosis, Myelo

Uterus

Endometrial Gland

Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_009

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Bone marrow

Kidney

Unspecified

Uterus

Tubule

Multiple Organs Nos

Endometrial Gland

Fibrosis, Myelo

Regeneration, Nos

Lymphoma, Mixed-Malignant Type

Angiectasis

Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_010

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Kidney		Glomerulonephritis, Acute
Lung		Alveolar/Bronchiolar Adenoma
Ovary		Abscess, Nos
Pancreas	Acinus	Atrophy, Focal
Peritoneum		Inflammation, Acute/Chronic
Spleen		Depletion, Lymphoid
	Red Pulp	Hematopoiesis
Unspecified	Mediastinum Nos	Inflammation, Acute/Chronic
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_011

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Capsule

Adenoma, Nos

Ovary

Cyst, Follicular Nos

Uterus

Endometrial Gland

Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_012

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Blood vessel  
Kidney  
Liver

Pulmonary Artery Nos  
Tubule

Mineralization  
Regeneration, Nos  
Hepatocellular Adenoma  
Inflammation, Granulomatous Focal  
Adenoma, Nos  
Lymphoma, Mixed-Malignant Type  
Hyperplasia, Cystic

Pituitary gland  
Unspecified  
Uterus

Anterior Pituitary  
Multiple Organs Nos  
Endometrial Gland

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_013

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Bone marrow		Fibrosis, Myelo
Gall bladder		Hyperplasia, Epithelial
Kidney	Tubule	Regeneration, Nos
Lung		Alveolar/Bronchiolar Carcinoma
		Inflammation, Chronic Focal
Thyroid		Cyst, Follicular Nos
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_014

**TRT#:** 1  
**DOSE:** 001.0 G/KG

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

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

---

**OBSERVATIONS**

Adrenal gland  
Ovary  
Uterus

Cortex Nos  
Endometrial Gland

Hypertrophy, Focal  
Cyst, Follicular Nos  
Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_015

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Ovary		Cyst, Follicular Nos
Thyroid		Follicular-Cell Adenoma
		Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrial Gland	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_016

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Periadrenal Tissue	Cyst, Nos Inflammation, Acute/Chronic
Bone marrow		Fibrosis, Myelo
Kidney	Capsule	Inflammation, Acute/Chronic
Lung		Alveolar/Bronchiolar Adenoma
Ovary		Cyst, Follicular Nos
Pancreas	Acinus Acinus	Atrophy, Focal Cytoplasmic Vacuolization Inflammation, Acute/Chronic
Pituitary gland	Anterior Pituitary	Cyst, Nos
Thyroid		Cyst, Follicular Nos
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_017

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Bone marrow		Hyperplasia, Granulocytic
Ovary		Cyst, Parovarian
Pancreas	Acinus	Focal Cellular Change
Pituitary gland	Anterior Pituitary	Degeneration, Nos
Thyroid		Cyst, Follicular Nos
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_018

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Brain	Cerebrum	Atrophy, Pressure
Heart	Myocardium Nos	Carcinoma, Nos, Invasive
Liver		Inflammation, Acute Focal
Pituitary gland	Anterior Pituitary	Hepatocellular Carcinoma
Thyroid		Carcinoma, Nos
Uterus	Endometrial Gland	Cyst, Follicular Nos
		Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_019

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Bone marrow  
Kidney  
Liver  
Ovary  
Uterus

Tubule

Endometrial Gland

Fibrosis, Myelo  
Regeneration, Nos  
Hemangioma  
Cyst, Follicular Nos  
Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_020

**TRT#:** 1  
**DOSE:** 001.0 G/KG

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

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

---

**OBSERVATIONS**

Bone marrow		Fibrosis, Myelo
Kidney	Tubule	Regeneration, Nos
Liver		Focal Cellular Change
		Inflammation, Acute/Chronic
Lung		Alveolar/Bronchiolar Adenoma
Uterus	Endometrial Gland	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_021

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Unspecified  
Uterus

Multiple Organs Nos  
Endometrial Gland

Lymphoma, Undifferentiated-Malignant Type  
Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_022

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Liver		Inflammation, Chronic Focal
Lung		Alveolar/Bronchiolar Adenoma
Uterus	Endometrial Gland	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_023

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney	Tubule
Lymph node	Mesenteric Lymph Node
Ovary	
Pituitary gland	Anterior Pituitary
Uterus	Endometrial Gland

Regeneration, Nos
Hematopoiesis
Cyst, Follicular Nos
Cyst, Hemorrhagic
Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---



**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_024

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Medulla

Hyperplasia, Focal

Kidney

Tubule

Regeneration, Nos

Ovary

Cyst, Follicular Nos

Cyst, Parovarian

Uterus

Endometrial Gland

Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_025

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Bone marrow		Fibrosis, Myelo
Lung		Inflammation, Chronic Focal
Ovary	Follicle	Cyst, Hemorrhagic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thyroid		Cyst, Embryonal Duct
Uterus	Endometrial Gland	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_026

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Focal
Liver		Hepatocellular Adenoma
Lymph node	Mesenteric Lymph Node	Hematopoiesis
Ovary		Papillary Cystadenoma, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus		Endometrial Stromal Polyp
	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_027

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Liver		Hepatocellular Adenoma
Ovary	Follicle	Cyst, Hemorrhagic Cyst, Parovarian
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrial Gland	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_028

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Bone marrow

Fibrosis, Myelo

Lung

Foreign Body, Nos

Uterus

Endometrial Gland

Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_029

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Brain

Atrophy, Pressure

Ovary

Cyst, Follicular Nos

Pituitary gland

Intermedia

Adenoma, Nos

Unspecified

Mediastinum Nos

Foreign Body, Nos

Uterus

Endometrial Gland

Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_030

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney  
Salivary gland  
Thyroid  
Uterus

Tubule

Endometrial Gland

Regeneration, Nos  
Inflammation, Chronic Focal  
Cyst, Follicular Nos  
Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_031

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Lung

Cortex Nos

Accessory Structure  
Alveolar/Bronchiolar Carcinoma  
Inflammation, Chronic Focal

Thyroid  
Uterus

Cyst, Follicular Nos

Endometrial Gland

Angiectasis

Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_032

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Lung  
Ovary  
Spleen  
Unspecified

Cortex Nos  
  
Follicle  
Red Pulp  
Multiple Organs Nos

Hypertrophy, Focal  
Foreign Body, Nos  
Cyst, Hemorrhagic  
Hematopoiesis  
Lymphoma, Histiocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_033

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Gall bladder

Cyst, Nos

Pituitary gland

Anterior Pituitary

Hyperplasia, Nos

Thymus

Depletion, Lymphoid

Uterus

Endometrial Gland

Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_034

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Bone		Hyperostosis
Bone marrow		Fibrosis, Myelo
Lung		Hyperplasia, Epithelial
Ovary		Cyst, Parovarian
Unspecified	Axilla	Hemangioma
	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus		Endometrial Stromal Polyp
	Endometrial Gland	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_035

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Bone marrow		Hyperplasia, Granulocytic
Intestine Small	Mesentery Nos	Cyst, Nos
Liver		Hematopoiesis
Ovary		Abscess, Nos
		Angiectasis
Peritoneum		Inflammation, Acute/Chronic
Spleen	Red Pulp	Hematopoiesis
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_036

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Kidney		Nephropathy
	Tubule	Regeneration, Nos
Liver		Hepatocellular Adenoma
		Inflammation, Acute Focal
Ovary		Cyst, Follicular Nos
		Luteoma
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_037

**TRT#:** 1  
**DOSE:** 001.0 G/KG

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

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

---

**OBSERVATIONS**

Adrenal gland  
Thyroid  
Uterus

Cortex Nos  
  
Endometrial Gland

Hypertrophy, Focal  
Follicular-Cell Adenoma  
Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_038

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver  
Lymph node  
Uterus

Cortex Nos  
Capsule  
Hepatocytes  
Mesenteric Lymph Node  
Endometrial Gland

Hypertrophy, Focal  
Inflammation, Chronic Focal  
Hyperplasia, Focal  
Hematopoiesis  
Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_039

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hypertrophy, Focal
Bone marrow		Fibrosis, Myelo
Kidney		Nephropathy
	Tubule	Regeneration, Nos
Liver		Hematopoiesis
Ovary		Cyst, Follicular Nos
Pancreas	Islets	Hyperplasia, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_040

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Bone marrow  
Kidney

Cortex Nos

Hypertrophy, Focal  
Fibrosis, Myelo

Liver  
Thyroid  
Uterus

Tubule  
Tubule

Degeneration, Nos  
Regeneration, Nos  
Inflammation, Acute/Chronic  
Cyst, Follicular Nos  
Hyperplasia, Cystic

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_041

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Kidney  
Ovary  
Pituitary gland  
Thyroid  
Unspecified  
Uterus

Tubule

Anterior Pituitary

Multiple Organs Nos

Endometrial Gland

Cortical Adenoma  
Regeneration, Nos  
Cyst, Follicular Nos  
Hyperplasia, Nos  
Follicular-Cell Adenoma  
Lymphoma, Mixed-Malignant Type  
Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_042

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Bone marrow		Fibrosis, Myelo
Kidney	Tubule	Regeneration, Nos
Ovary		Cyst, Follicular Nos
Thyroid		Cyst, Follicular Nos
		Hyperplasia, Follicular Cell
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_043

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney	Tubule	Regeneration, Nos
Pancreas	Acinus	Atrophy, Focal
		Inflammation, Chronic Focal
Pituitary gland	Intermedia	Adenoma, Nos
Uterus		Angiectasis
	Endometrial Gland	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_044

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Liver  
Ovary

Medulla

Pheochromocytoma  
Inflammation, Acute Focal  
Angiectasis  
Cyst, Follicular Nos  
Cyst, Parovarian

Pituitary gland  
Uterus

Anterior Pituitary

Adenoma, Nos

Endometrial Gland

Angiectasis  
Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_045

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Liver  
Pituitary gland  
Uterus

Cortex Nos  
Hepatocytes  
Anterior Pituitary  
Endometrial Gland

Hyperplasia, Focal  
Cytoplasmic Vacuolization  
Adenoma, Nos  
Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_046

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Ovary

Uterus

Endometrial Gland

Cyst, Follicular Nos

Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_047

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Bone marrow  
Liver  
Ovary  
Pituitary gland  
Thyroid  
  
Uterus

Follicle  
Anterior Pituitary  
  
Endometrial Gland

Fibrosis, Myelo  
Focal Cellular Change  
Cyst, Hemorrhagic  
Hyperplasia, Nos  
Cyst, Follicular Nos  
Hyperplasia, Follicular Cell  
Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-



**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_048

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney	Tubule	Regeneration, Nos
Lung		Alveolar/Bronchiolar Carcinoma
Ovary		Cyst, Follicular Nos
Pancreas		Inflammation, Chronic Focal
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Uterus	Endometrial Gland	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_049

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Liver  
Salivary gland  
Thymus  
Uterus

Hepatocytes

Cytoplasmic Vacuolization  
Inflammation, Acute/Chronic  
Depletion, Lymphoid  
Endometrial Stromal Polyp  
Hyperplasia, Cystic

Endometrial Gland

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_050

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Lymph node  
Ovary  
Unspecified

Renal Lymph Node  
Multiple Organs Nos

Hematopoiesis  
Cyst, Follicular Nos  
Lymphoma, Undifferentiated-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_001

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

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

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

---

**OBSERVATIONS**

Adrenal gland  
Thyroid  
Uterus

Cortex Nos  
  
Endometrial Gland

Hypertrophy, Focal  
Inflammation, Chronic Focal  
Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_002

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

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

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

---

**OBSERVATIONS**

Bone	Femur	Hyperostosis
Bone marrow		Fibrosis, Myelo
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Tubule	Regeneration, Nos
Liver		Hematopoiesis
Lung		Lymphocytic Inflammatory Infiltrate
Ovary		Cyst, Follicular Nos
Uterus	Endometrial Gland	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_003

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

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

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

---

**OBSERVATIONS**

Adrenal gland  
Bone marrow  
Ovary  
Thyroid

Cortex Nos

Degeneration, Lipoid  
Fibrosis, Myelo  
Cyst, Follicular Nos  
Follicular-Cell Adenoma  
Hyperplasia, Follicular Cell  
Hyperplasia, Cystic

Uterus

Endometrial Gland

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_004

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

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

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

---

**OBSERVATIONS**

Pituitary gland  
Thyroid

Anterior Pituitary

Adenoma, Nos  
Cyst, Follicular Nos  
Hyperplasia, Follicular Cell  
Inflammation, Granulomatous Focal  
Hyperplasia, Cystic

Urinary bladder  
Uterus

Serosa  
Endometrial Gland

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_005

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

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

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

---

**OBSERVATIONS**

Bone marrow		Fibrosis, Myelo
Ovary		Cyst, Follicular Nos
Pancreas	Islets	Islet-Cell Adenoma
Stomach	Forestomach	Squamous Cell Papilloma
Uterus	Endometrial Gland	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---



**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_006

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

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

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

---

**OBSERVATIONS**

Lung		Hyperplasia, Epithelial Inflammation, Chronic Focal
Uterus	Endometrial Gland	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_007

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

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

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

**OBSERVATIONS**

Intestine Small  
Kidney

Jejunum  
Tubule  
Cortex  
Mesenteric Lymph Node  
Acinus  
Red Pulp

Lymph node  
Pancreas  
Spleen  
Thyroid

Uterus

Endometrial Gland

Lymphoma, Mixed-Malignant Type  
Degeneration, Nos  
Inflammation, Chronic Focal  
Hematopoiesis  
Atrophy, Focal  
Hematopoiesis  
Cyst, Follicular Nos  
Hyperplasia, Follicular Cell  
Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_008

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

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

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

---

**OBSERVATIONS**

Kidney		Infarct, Focal
Lung		Alveolar/Bronchiolar Adenoma
Uterus	Endometrial Gland	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_009

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

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

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

---

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Focal
Lung		Alveolar/Bronchiolar Adenoma
Lymph node	Mesenteric Lymph Node	Hematopoiesis
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Unspecified	Multiple Organs Nos	Hemangiosarcoma
Uterus	Endometrial Gland	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_010

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

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

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

---

**OBSERVATIONS**

Stomach	Glandular Stomach	Dysplasia, Nos
Thyroid		Cyst, Follicular Nos
Unspecified	Multiple Organs Nos	Hemangiosarcoma
Uterus	Endometrial Gland	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_011

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

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

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

---

**OBSERVATIONS**

Ovary  
Uterus

Endometrial Gland

Cyst, Follicular Nos  
Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_012

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

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

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

**OBSERVATIONS**

Adrenal gland

Cortex Nos  
Cortex Nos  
Cortex Nos

Cyst, Nos  
Hyperplasia, Focal  
Hypertrophy, Focal

Bone marrow

Fibrosis, Myelo

Ovary

Angiectasis

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Unspecified

Multiple Organs Nos

Lymphoma, Mixed-Malignant Type

Uterus

Endometrial Gland

Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_013

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

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

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

---

**OBSERVATIONS**

Bone marrow  
Lung  
Ovary

Fibrosis, Myelo  
Hyperplasia, Epithelial  
Cyst, Follicular Nos  
Cyst, Parovarian  
Hyperplasia, Follicular Cell  
Endometrial Stromal Polyp  
Hyperplasia, Cystic

Thyroid  
Uterus

Endometrial Gland

---

**PRIMARY CAUSE OF DEATH**

-

---



**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_014

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

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

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

---

**OBSERVATIONS**

Harderian gland  
Liver  
Lung  
Uterus

Hardarian Gland  
  
Endometrial Gland

Papillary Adenocarcinoma  
Hematopoiesis  
Inflammation, Acute/Chronic  
Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_015

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

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

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

---

**OBSERVATIONS**

Bone marrow		Fibrosis, Myelo
Eye		Degeneration, Nos
Harderian gland	Hardarian Gland	Papillary Adenoma
Lung		Inflammation, Acute/Chronic
Ovary	Follicle	Cyst, Hemorrhagic
		Cyst, Parovarian
		Luteoma
Uterus	Endometrial Gland	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_016

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

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

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

---

**OBSERVATIONS**

Unspecified  
Uterus

Multiple Organs Nos  
Endometrial Gland

Lymphoma, Lymphocytic-Malignant Type  
Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_017

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hypertrophy, Focal
Kidney	Tubule	Regeneration, Nos
Lymph node	Pancreatic Lymph Node	Hematopoiesis
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_018

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

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

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

---

**OBSERVATIONS**

Bone marrow		Fibrosis, Myelo
Lymph node	Mesenteric Lymph Node	Hematopoiesis
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Skin		Parasitism
Thyroid		Cyst, Follicular Nos
		Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrial Gland	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_019

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

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

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

**OBSERVATIONS**

Bone marrow		Fibrosis, Myelo
Kidney	Tubule	Regeneration, Nos
Lymph node	Mesenteric Lymph Node	Hematopoiesis
Ovary		Cyst, Follicular Nos
		Inflammation, Acute/Chronic
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrial Gland	Hyperplasia, Cystic
		Inflammation, Acute Focal

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_020

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

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

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

---

**OBSERVATIONS**

Bone marrow		Fibrosis, Myelo
Liver	Hepatocytes	Cytoplasmic Vacuolization Hematopoiesis
Lung		Alveolar/Bronchiolar Carcinoma
Ovary		Cyst, Follicular Nos
Thyroid		Cyst, Follicular Nos
Uterus	Endometrial Gland	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_021

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

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

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

**OBSERVATIONS**

Bone marrow		Fibrosis, Myelo
Heart	Myocardium Nos	Degeneration, Nos
Liver		Necrosis, Focal
Lymph node	Pancreatic Lymph Node	Hematopoiesis
Ovary		Cyst, Follicular Nos
Skin		Parasitism
Spleen	Red Pulp	Hematopoiesis
Unspecified	Abdomen	Inflammation, Acute/Chronic
	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-



**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_022

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

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

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

---

**OBSERVATIONS**

Liver

Ovary

Uterus

Endometrial Gland

Hematopoiesis

Cyst, Follicular Nos

Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_023

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

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

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

---

**OBSERVATIONS**

Mammary gland  
Spleen  
Uterus

Red Pulp  
Endometrial Gland

Adenocarcinoma, Nos  
Hematopoiesis  
Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_024

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

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

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

**OBSERVATIONS**

Bone marrow		Necrosis, Focal
Ovary		Cyst, Follicular Nos
Stomach	Glandular Stomach	Necrosis, Focal
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Urinary bladder		Hyperplasia, Epithelial
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_025

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

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

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

---

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hypertrophy, Focal
Bone marrow		Fibrosis, Myelo
Thyroid		Cyst, Follicular Nos
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type
Uterus	Endometrial Gland	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_026

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

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

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

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Hyperplasia, Cystic

Kidney

Tubule

Hypertrophy, Focal

Liver

Regeneration, Nos

Lung

Hepatocellular Adenoma

Unspecified

Multiple Organs Nos

Hyperplasia, Epithelial

Lymphoma, Mixed-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_027

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

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

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

---

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hypertrophy, Focal
Bone marrow		Fibrosis, Myelo
Kidney	Tubule	Regeneration, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Forestomach	Squamous Cell Papilloma
Uterus	Endometrial Gland	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_028

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

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

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

---

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hypertrophy, Focal
Bone marrow		Fibrosis, Myelo
Liver		Hepatocellular Carcinoma
Ovary	Follicle	Cyst, Hemorrhagic
Uterus	Endometrial Gland	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_029

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

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

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

---

**OBSERVATIONS**

Thyroid

Cyst, Follicular Nos

Unspecified

Multiple Organs Nos

Hyperplasia, C Cell

Uterus

Endometrial Gland

Lymphoma, Mixed-Malignant Type

Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_030

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

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

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

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Focal
Liver		Necrosis, Focal
Lung		Foreign Body, Nos
Lymph node	Mesenteric Lymph Node	Hematopoiesis
Mammary gland		Adenoma, Nos
Spleen	Red Pulp	Hematopoiesis
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_031

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

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

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

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Lymphoma, Lymphocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_032

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

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

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

---

**OBSERVATIONS**

Pituitary gland  
Unspecified  
Uterus

Anterior Pituitary  
Multiple Organs Nos  
Endometrial Gland

Hyperplasia, Nos  
Lymphoma, Mixed-Malignant Type  
Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_033

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

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

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

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Lymphoma, Lymphocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_034

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

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

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

---

**OBSERVATIONS**

Brain		Atrophy, Pressure
Esophagus	Muscularis	Inflammation, Chronic Focal
Lung		Alveolar/Bronchiolar Adenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Fundal Gland	Cyst, Nos
Thyroid		Hyperplasia, Follicular Cell

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_035

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

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

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

---

**OBSERVATIONS**

Bone marrow		Fibrosis, Myelo
Lung		Alveolar/Bronchiolar Adenoma
Ovary		Cyst, Follicular Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrial Gland	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_036

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

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

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

---

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hypertrophy, Focal
Bone	Lumbar Vertebra Nos	Osteosarcoma
Lung		Osteosarcoma, Metastatic
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrial Gland	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_037

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

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

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

---

**OBSERVATIONS**

Ovary	Follicle	Cyst, Hemorrhagic
Thyroid		Cyst, Follicular Nos
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type
Uterus	Endometrial Gland	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---



**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_038

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

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

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

**OBSERVATIONS**

Bone marrow		Hyperplasia, Granulocytic
Lymph node	Mediastinal Lymph Node	Edema, Nos
	Tracheal Lymph Node	Edema, Nos
Ovary		Papillary Cystadenoma, Nos
Peritoneum		Inflammation, Acute/Chronic
Spleen	Red Pulp	Hematopoiesis
Thyroid		Cyst, Follicular Nos
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_039

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

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

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

---

**OBSERVATIONS**

Bone marrow		Fibrosis, Myelo
		Hyperplasia, Reticulum Cell
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Infarct, Focal
Ovary		Luteoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrial Gland	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_040

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Adenoma, Nos
Kidney	Tubule	Regeneration, Nos
Liver		Inflammation, Acute Focal
Ovary		Cyst, Follicular Nos
Pancreas	Acinus	Focal Cellular Change
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_041

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

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

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

---

**OBSERVATIONS**

Bone marrow		Fibrosis, Myelo
Ovary		Cyst, Parovarian
Pituitary gland	Anterior Pituitary	Cyst, Multiple
	Anterior Pituitary	Hyperplasia, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrial Gland	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_042

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

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

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

---

**OBSERVATIONS**

Unspecified  
Uterus

Multiple Organs Nos  
Endometrial Gland

Lymphoma, Undifferentiated-Malignant Type  
Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_043

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

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

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

---

**OBSERVATIONS**

Adrenal gland  
Ovary  
Uterus

Capsule  
Follicle  
Endometrial Gland

Hyperplasia, Focal  
Cyst, Hemorrhagic  
Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_044

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

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

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

**OBSERVATIONS**

Bone marrow		Hyperplasia, Granulocytic
Heart	Myocardium Nos	Degeneration, Nos
Liver	Bile Duct	Cyst, Nos
		Hematopoiesis
Ovary		Cyst, Parovarian
Pancreas		Cystic Ducts
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_045

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Adenoma, Nos
Bone marrow		Fibrosis, Myelo
Liver	Hepatocytes	Cytoplasmic Vacuolization
Ovary		Cyst, Parovarian
Parathyroid gland		Cyst, Embryonal Duct
Thymus		Depletion, Lymphoid
Thyroid		Cyst, Follicular Nos
		Follicular-Cell Adenoma
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_046

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

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

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

**OBSERVATIONS**

Adrenal gland	Capsule Cortex Nos	Adenoma, Nos Degeneration, Lipoid Fibrosis, Myelo
Bone marrow		Degeneration, Nos
Heart	Myocardium Nos	Regeneration, Nos
Kidney	Tubule	Hematopoiesis
Liver		Cyst, Follicular Nos
Ovary		Hyperplasia, Follicular Cell
Thyroid		Inflammation, Chronic Focal
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_047

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

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

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

---

**OBSERVATIONS**

Liver		Hematopoiesis
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Spleen	Red Pulp	Hematopoiesis
Uterus	Endometrial Gland	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_048

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

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

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

---

**OBSERVATIONS**

Thyroid		Cyst, Follicular Nos
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrial Gland	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_049

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

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

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

**OBSERVATIONS**

Bone		Hyperostosis
Bone marrow		Fibrosis, Myelo
Kidney	Cortex	Metaplasia, Osseous
	Tubule	Regeneration, Nos
Liver		Hepatocellular Adenoma
Ovary		Cyst, Follicular Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_050

**TRT#:** 2  
**DOSE:** 500.0 MG/KG

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

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

---

**OBSERVATIONS**

Kidney	Tubule	Regeneration, Nos
Liver		Inflammation, Acute Focal
Pancreas	Acinus	Atrophy, Focal
Unspecified	Mediastinum Nos	Lymphocytic Inflammatory Infiltrate
Uterus		Angiectasis
	Endometrial Gland	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_001

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

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

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

---

**OBSERVATIONS**

Adrenal gland  
Lung  
Spleen  
Uterus

Cortex Nos  
  
Red Pulp  
Endometrial Gland

Hypertrophy, Focal  
Alveolar/Bronchiolar Carcinoma  
Hematopoiesis  
Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_002

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

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

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

---

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hypertrophy, Focal
Liver		Necrosis, Focal
Lung		Hyperplasia, Epithelial
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Thyroid		Hyperplasia, Follicular Cell
Uterus	Endometrial Gland	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**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**

Bone marrow		Hyperplasia, Granulocytic
Liver		Hematopoiesis
Ovary		Cyst, Follicular Nos
		Inflammation, Acute/Chronic
Peritoneum		Inflammation, Acute/Chronic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen	Red Pulp	Hematopoiesis
Thyroid		Hyperplasia, Follicular Cell
Unspecified	Abdomen	Fibrosarcoma
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-



**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**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**

Pituitary gland  
Uterus

Anterior Pituitary  
Endometrial Gland

Hyperplasia, Nos  
Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_005

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

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

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

**OBSERVATIONS**

Liver		Hematopoiesis
Lung		Hyperplasia, Epithelial
Ovary		Abscess, Nos
		Cyst, Follicular Nos
Spleen	Red Pulp	Hematopoiesis
Thyroid		Cyst, Follicular Nos
		Hyperplasia, Follicular Cell
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_006

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

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

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

---

**OBSERVATIONS**

Blood vessel	Uterine Artery	Perivasculitis
Bone marrow		Fibrosis, Myelo
Kidney		Nephropathy
Liver		Hematopoiesis
Ovary		Cyst, Follicular Nos
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrial Gland	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_007

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

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

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

---

**OBSERVATIONS**

Kidney	Tubule	Regeneration, Nos
Liver		Hepatocellular Adenoma
Ovary		Cyst, Follicular Nos
Stomach	Forestomach	Hyperplasia, Epithelial
Uterus	Endometrial Gland	Hyperplasia, Cystic
	Cervix Uteri	Inflammation, Acute Focal

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_008

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

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

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

---

**OBSERVATIONS**

Heart	Myocardium Nos	Degeneration, Nos
Kidney	Tubule	Regeneration, Nos
Stomach	Forestomach	Hyperplasia, Epithelial
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrial Gland	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_009

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

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

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

---

**OBSERVATIONS**

Kidney	Tubule	Regeneration, Nos
Mammary gland		Adenocarcinoma, Nos
Ovary		Cyst, Follicular Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Uterus	Endometrial Gland	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**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

Cortex Nos

Cyst, Nos

Cortex Nos

Hypertrophy, Focal

Medulla

Pheochromocytoma

Unspecified

Multiple Organs Nos

Lymphoma, Lymphocytic-Malignant Type

Uterus

Endometrial Gland

Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**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**

Lung		Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Cyst, Nos
Thyroid		Hyperplasia, Follicular Cell
Uterus	Endometrial Gland	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---



**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**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**

Liver		Hepatocellular Adenoma
Ovary		Cyst, Follicular Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type
Uterus	Endometrial Gland	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**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**

Adrenal gland  
Harderian gland  
Kidney  
Pancreas  
Uterus

Cortex Nos  
Hardarian Gland  
Tubule  
Acinus  
Endometrial Gland

Hypertrophy, Focal  
Papillary Adenocarcinoma  
Regeneration, Nos  
Focal Cellular Change  
Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_014

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

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

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

---

**OBSERVATIONS**

Unspecified

Abdomen

Fibrosarcoma

Abdominal Cavity

Fibrosarcoma, Metastatic

Uterus

Endometrial Gland

Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**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	Cortex Nos	Hyperplasia, Focal
Kidney	Tubule	Regeneration, Nos
Liver	Hepatocytes	Cytoplasmic Vacuolization
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**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**

Kidney  
Pituitary gland

Tubule  
Anterior Pituitary

Regeneration, Nos  
Hyperplasia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_017

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

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

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

**OBSERVATIONS**

Gall bladder		Cyst, Nos
Liver		Hematopoiesis
Lung		Alveolar/Bronchiolar Adenoma
		Hemangiosarcoma
Lymph node	Mesenteric Lymph Node	Hematopoiesis
Pituitary gland	Anterior Pituitary	Cyst, Nos
Spleen	Red Pulp	Hematopoiesis
Thyroid		Cyst, Embryonal Duct
Unspecified	Groin	Hemorrhage
	Groin	Inflammation, Granulomatous Focal
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_018

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

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

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

---

**OBSERVATIONS**

Lung		Alveolar/Bronchiolar Adenoma
Ovary		Cyst, Parovarian
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Uterus	Endometrial Gland	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**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**

Brain		Atrophy, Pressure
Kidney	Tubule	Regeneration, Nos
Liver		Hemangiosarcoma
Ovary	Follicle	Cyst, Hemorrhagic
Pituitary gland	Intermedia	Adenoma, Nos
Uterus	Endometrial Gland	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---



**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_020

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

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

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

---

**OBSERVATIONS**

Lymph node  
Unspecified  
Uterus

Mesenteric Lymph Node  
Multiple Organs Nos  
Endometrial Gland

Hematopoiesis  
Lymphoma, Mixed-Malignant Type  
Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**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**

Bone marrow		Fibrosis, Myelo
Kidney	Tubule	Regeneration, Nos
Ovary		Cyst, Follicular Nos
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrial Gland	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_022

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

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

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

---

**OBSERVATIONS**

Adrenal gland  
Bone marrow  
Lung  
Ovary  
Uterus

Medulla  
  
  
  
Endometrial Gland

Pheochromocytoma  
Fibrosis, Myelo  
Inflammation, Chronic Focal  
Cyst, Parovarian  
Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_023

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

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

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

**OBSERVATIONS**

Heart	Atrium	Inflammation, Acute/Chronic
Intestine Small	Mesentery Nos	Perivasculitis
Liver	Hepatocytes	Cytoplasmic Vacuolization
		Necrosis, Focal
Ovary		Luteoma
Thyroid		Perivasculitis
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**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**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Bone marrow		Fibrosis, Myelo
Liver	Hepatocytes	Cytoplasmic Vacuolization
Ovary	Follicle	Cyst, Hemorrhagic
		Cyst, Parovarian
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thyroid		Hyperplasia, Follicular Cell
Urinary bladder		Hyperplasia, Lymphoid
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_025

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

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

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

---

**OBSERVATIONS**

Adrenal gland  
Kidney  
Ovary  
Urinary bladder  
Uterus

Capsule  
Tubule  
  
Endometrial Gland

Adenoma, Nos  
Regeneration, Nos  
Cyst, Follicular Nos  
Hyperplasia, Lymphoid  
Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**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**

Kidney	Tubule	Regeneration, Nos
Liver	Hepatocytes	Cytoplasmic Vacuolization
Ovary		Cyst, Parovarian
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Uterus	Endometrial Gland	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:56  
**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  
Bone marrow  
Ovary  
Unspecified  
Uterus

Cortex Nos  
  
Multiple Organs Nos  
Endometrial Gland

Hypertrophy, Focal  
Fibrosis, Myelo  
Cyst, Follicular Nos  
Lymphoma, Lymphocytic-Malignant Type  
Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---



**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:57  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_028

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

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

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

**OBSERVATIONS**

Bone marrow		Fibrosis, Myelo
Kidney	Tubule	Regeneration, Nos
Liver		Hepatocellular Carcinoma
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Spleen	Red Pulp	Hematopoiesis
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus		Endometrial Stromal Polyp
	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:57  
**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**

Eye	Crystalline Lens	Cataract
Ovary	Follicle	Cyst, Hemorrhagic
Spleen	Red Pulp	Hematopoiesis
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrial Gland	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:57  
**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	Medulla	Hyperplasia, Focal
Lung		Alveolar/Bronchiolar Carcinoma
Ovary	Follicle	Cyst, Hemorrhagic
Thyroid		Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:57  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_031

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

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

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

**OBSERVATIONS**

Kidney		Infarct, Focal
Ovary	Follicle	Cyst, Hemorrhagic
Pituitary gland	Intermedia	Cyst, Nos
Thyroid		Cyst, Embryonal Duct
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:57  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_032

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

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

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

---

**OBSERVATIONS**

Liver	Hepatocytes	Cytoplasmic Vacuolization
Ovary		Cyst, Parovarian
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrial Gland	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:57  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_033

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

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

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

---

**OBSERVATIONS**

Ovary		Cyst, Follicular Nos
Spleen	Red Pulp	Hematopoiesis
Thymus		Depletion, Lymphoid
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:57  
**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**

Ovary		Cyst, Parovarian
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrial Gland	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:57  
**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:**

**OBSERVATIONS**

Adrenal gland	Capsule	Inflammation, Acute/Chronic
Bone	Sternum	Inflammation, Acute/Chronic
Bone marrow		Hyperplasia, Granulocytic
Kidney	Tubule	Regeneration, Nos
Liver		Hematopoiesis
Ovary		Cyst, Follicular Nos
		Inflammation, Acute/Chronic
Pancreas		Inflammation, Acute/Chronic
Spleen	Red Pulp	Hematopoiesis
Thymus		Depletion, Lymphoid
Unspecified	Abdomen	Inflammation, Acute/Chronic
Urinary bladder		Inflammation, Acute/Chronic
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-



**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:57  
**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  
Bone marrow  
Ovary  
Pancreas  
Uterus

Capsule  
  
Acinus  
Endometrial Gland

Adenoma, Nos  
Fibrosis, Myelo  
Cyst, Follicular Nos  
Hypertrophy, Focal  
Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:57  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_037

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

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

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

---

**OBSERVATIONS**

Kidney		Nephrosis, Hydro
Spleen	Red Pulp	Hematopoiesis
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:57  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_038

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

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

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

**OBSERVATIONS**

Bone marrow		Fibrosis, Myelo
Liver		Hemangiosarcoma, Metastatic
		Hematopoiesis
Ovary		Cyst, Follicular Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Skin	Back	Acanthosis
	Back	Hyperkeratosis
Spleen		Hemangiosarcoma
Thyroid		Hyperplasia, Follicular Cell
Unspecified	Back	Inflammation, Chronic Focal
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:57  
**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**

Heart		Mineralization
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:57  
**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**

Lung		Hyperplasia, Epithelial
Pancreas	Acinus	Atrophy, Diffuse
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thyroid		Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:57  
**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**

Heart	Myocardium Nos	Inflammation, Multifocal
Spleen		Lymphoma, Mixed-Malignant Type
Uterus	Endometrial Gland	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:57  
**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  
Blood vessel  
Lung  
Ovary  
Uterus

Medulla  
Pulmonary Artery Nos  
  
Endometrial Gland

Hyperplasia, Focal  
Mineralization  
Inflammation, Acute/Chronic  
Cyst, Follicular Nos  
Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:57  
**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**

Bone marrow

Ovary

Pituitary gland

Uterus

Anterior Pituitary

Endometrial Gland

Fibrosis, Myelo

Cyst, Follicular Nos

Adenoma, Nos

Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:57  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_044

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

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

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

---

**OBSERVATIONS**

Liver		Hematopoiesis
Ovary	Follicle	Cyst, Hemorrhagic
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Uterus	Endometrial Gland	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:57  
**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	Cortex Nos	Degeneration, Lipoid
Ovary		Inflammation, Chronic Diffuse
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thyroid		Cyst, Follicular Nos
		Follicular-Cell Carcinoma
		Hyperplasia, Follicular Cell
Uterus	Endometrial Gland	Hyperplasia, Cystic
	Fallopian Tube	Inflammation, Chronic Diffuse

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:57  
**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	Medulla	Hyperplasia, Focal
Bone marrow		Fibrosis, Myelo
Kidney	Tubule	Regeneration, Nos
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Thyroid		Cyst, Follicular Nos
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrial Gland	Endometrial Stromal Polyp
		Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:57  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_047

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

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

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

---

**OBSERVATIONS**

Adrenal gland  
Brain  
Eye

Capsule  
Meninges  
Crystalline Lens  
Cornea  
Hardarian Gland  
Endometrial Gland

Adenoma, Nos  
Lymphocytic Inflammatory Infiltrate  
Cataract  
Inflammation, Acute Focal  
Papillary Adenoma  
Cyst, Follicular Nos  
Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:57  
**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**

Lymph node  
Pituitary gland  
Thyroid  
Uterus

Mandibular Lymph Node  
Anterior Pituitary  
  
Endometrial Gland  
Endometrium

Cyst, Nos  
Adenoma, Nos  
Hyperplasia, Follicular Cell  
Hyperplasia, Cystic  
Thrombosis, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:57  
**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**

Bone marrow		Fibrosis, Myelo
Eye	Cornea	Acanthosis
	Posterior Chamber	Hemorrhage
	Cornea	Hyperkeratosis
	Cornea	Inflammation, Acute/Chronic
Harderian gland	Hardarian Gland	Papillary Adenoma
Ovary		Cyst, Parovarian
Thyroid		Cyst, Follicular Nos
		Hyperplasia, Follicular Cell
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C55232  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Xylenes (mixed)  
**CAS Number:** 1330-20-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:39:57  
**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 marrow		Fibrosis, Myelo
Ovary		Cyst, Follicular Nos
	Follicle	Cyst, Hemorrhagic
Skin	Face	Acanthosis
	Face	Hyperkeratosis
	Sebaceous Gland	Hyperplasia, Focal
Thyroid		Cyst, Follicular Nos
		Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

**\*\* END OF REPORT \*\***