

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

**C Number:** C54955A  
**Cage Range:** All  
**Date Range:** All  
**Reasons For Removal:** All  
**Removal Date Range:** All  
**Treatment Groups:** All  
**Study Gender:** Female

**Experiment Number:** C54955A

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

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

**Time Report Requested:** 10:32:38

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

**Lab:** NA

**ANIMAL ID:** 1\_001

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 600.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Kidney	Tubule	Regeneration, Nos
Liver	Hepatocytes	Degeneration, Nos
		Hepatocellular Adenoma
Lung	Bronchiole	Hyperplasia, Lymphoid
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Spleen	Follicles	Hyperplasia, Focal
Urinary bladder		Hyperplasia, Lymphoid
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_002

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 600.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Intestine Small  
Liver

Capsule  
Mucosa, Jejunum

Hyperplasia, Focal  
Amyloidosis, Focal  
Hepatocellular Adenoma  
Hyperplasia, Lymphoid  
Cyst, Follicular Nos  
Hyperplasia, Focal  
Hyperplasia, Lymphoid  
Hyperplasia, Cystic

Ovary  
Pituitary gland  
Spleen  
Uterus

Anterior Pituitary  
Follicles  
Endometrial Gland

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_003

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 600.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Bone	Femur	Osteosclerosis
Bone marrow		Fibrosis, Myelo
Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
		Hepatocellular Adenoma
Lung	Bronchiole	Hyperplasia, Lymphoid
Salivary gland		Hyperplasia, Lymphoid
Spleen	Follicles	Hyperplasia, Lymphoid
Thyroid		Cyst, Follicular Nos
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_004

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 600.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Kidney		Nephropathy
Liver	Hepatocytes	Degeneration, Nos Hepatocellular Adenoma Inflammation, Acute/Chronic
Lung		Inflammation, Granulomatous Focal Leiomyosarcoma, Metastatic
Lymph node		Inflammation, Nos
Ovary	Mesenteric Lymph Node	Plasmacytosis
Thyroid		Atrophy, Senile
Uterus	Endometrial Gland	Hyperplasia, Follicular Cell
	Cervix Uteri	Hyperplasia, Cystic Leiomyosarcoma

**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_005

**TRT#:** 1  
**DOSE:** 600.0 MG/KG

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

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

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**OBSERVATIONS**

Liver	Hepatocytes	Degeneration, Nos
Lung		Inflammation, Interstitial
Salivary gland		Inflammation, Acute/Chronic
Uterus	Parovarian	Hemangioma
	Endometrial Gland	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_006

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 600.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Bone marrow		Hyperplasia, Reticulum Cell
Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
		Inflammation, Granulomatous Focal
Ovary	Hepatocytes	Necrosis, Focal
		Cyst, Follicular Nos
		Hemangioma
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Thyroid		Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

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**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_007

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 600.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Liver

Capsule  
Hepatocytes

Hyperplasia, Focal  
Degeneration, Nos  
Focal Cellular Change  
Hepatocellular Adenoma  
Hepatocellular Carcinoma  
Hyperplasia, Focal  
Lymphoma, Mixed-Malignant Type  
Hyperplasia, Cystic

Pituitary gland  
Unspecified  
Uterus

Anterior Pituitary  
Multiple Organs Nos  
Endometrial Gland

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_008

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 600.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
Lung		Alveolar/Bronchiolar Adenoma
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Ovary		Cyst, Follicular Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Spleen	Follicles	Hyperplasia, Focal
Thyroid		Hyperplasia, Follicular Cell
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_009

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 600.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
		Hepatocellular Carcinoma
	Hepatocytes	Necrosis, Focal
Lymph node	Mesenteric Lymph Node	Angiectasis
Pituitary gland	Intermedia	Adenoma, Nos
	Anterior Pituitary	Congestion, Nos
Salivary gland		Atrophy, Focal
Thyroid		Follicular-Cell Adenoma
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_010

**TRT#:** 1  
**DOSE:** 600.0 MG/KG

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Intestine Small	Mesentery Nos	Inflammation, Granulomatous
Kidney		Nephropathy
Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
		Hepatocellular Carcinoma
		Inflammation, Acute/Chronic
Lung	Hepatocytes	Necrosis, Focal
		Hyperplasia, Alveolar Epithelium
Lymph node	Bronchiole	Lymphocytic Inflammatory Infiltrate
	Mesenteric Lymph Node	Angiectasis
		Cyst, Nos
	Mesenteric Lymph Node	Hematopoiesis
	Mandibular Lymph Node	Hyperplasia, Focal
	Thymic Lymph Node	Plasmacytosis
Peritoneum	Peritoneal Mesothelium	Inflammation, Active Chronic
Spleen	Follicles	Hyperplasia, Focal
Uterus		Cyst, Nos
	Endometrial Gland	Hyperplasia, Cystic
		Inflammation, Active Chronic
Vagina		Metaplasia, Squamous
		Erosion
		Inflammation, Active Chronic

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_011

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 600.0 MG/KG

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
	Hepatocytes	Necrosis, Focal
Lung		Inflammation, Active Chronic
Lymph node	Thymic Lymph Node	Inflammation, Acute Focal
	Mandibular Lymph Node	Necrosis, Focal
Ovary		Inflammation, Active Chronic
Pancreas	Interstitialium	Inflammation, Active Chronic
Spleen	Red Pulp	Hematopoiesis

PRIMARY CAUSE OF DEATH

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**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_012

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 600.0 MG/KG

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Bone marrow		Hyperplasia, Granulocytic
Lung		Aspiration, Foreign Body
Lymph node	Mesenteric Lymph Node	Angiectasis
	Mesenteric Lymph Node	Hematopoiesis
	Mandibular Lymph Node	Hyperplasia, Lymphoid
Ovary		Cyst, Follicular Nos
Spleen	Red Pulp	Hematopoiesis
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54955A

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

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

**Time Report Requested:** 10:32:38

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

**Lab:** NA

**ANIMAL ID:** 1\_013

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 600.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Liver

Capsule

Hepatocytes

Hepatocytes

Hyperplasia, Focal

Cell-Size Alteration

Degeneration, Nos

Hepatocellular Adenoma

Hepatocellular Carcinoma

Hepatocytes

Necrosis, Focal

Cyst, Parovarian

Ovary

Pituitary gland

Unspecified

Uterus

Anterior Pituitary

Multiple Organs Nos

Endometrial Gland

Hyperplasia, Focal

Lymphoma, Histiocytic-Malignant Type

Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_014

**TRT#:** 1  
**DOSE:** 600.0 MG/KG

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

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

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**OBSERVATIONS**

Heart	Myocardium Nos	Degeneration, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_015

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 600.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
		Hepatocellular Carcinoma
	Kupffer Cell	Hyperplasia, Focal
Ovary	Hepatocytes	Necrosis, Focal
Pituitary gland		Cyst, Follicular Nos
Thyroid	Anterior Pituitary	Adenoma, Nos
Unspecified		Hyperplasia, Follicular Cell
Uterus	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_016

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 600.0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Bone marrow		Hyperplasia, Granulocytic
Intestine Small	Jejunum	Necrosis, Nos
Liver		Hepatocellular Adenoma
		Hepatocellular Carcinoma
		Necrosis, Coagulative
Ovary		Cyst, Follicular Nos
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_017

**TRT#:** 1  
**DOSE:** 600.0 MG/KG

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Congestion, Nos
Liver		Hepatocellular Carcinoma
Lung		Congestion, Nos
		Inflammation, Interstitial
Lymph node	Mandibular Lymph Node	Congestion, Nos
Urinary bladder		Hemorrhage
Uterus		Dilatation, Nos

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_018

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 600.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Capsule	Cytoplasmic Vacuolization Hyperplasia, Focal
Kidney		Nephropathy
Liver	Hepatocytes Hepatocytes	Degeneration, Nos Necrosis, Focal
Ovary		Cyst, Parovarian
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

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_019

**TRT#:** 1  
**DOSE:** 600.0 MG/KG

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Kidney	Tubule	Regeneration, Nos
Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
		Hepatocellular Carcinoma
Ovary	Hepatocytes	Necrosis, Focal
		Cyst, Follicular Nos
		Luteoma
Spleen	Follicles	Hyperplasia, Lymphoid
Thymus		Hyperplasia, Lymphoid
Thyroid		Cyst, Follicular Nos
Urinary bladder		Hyperplasia, Lymphoid
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

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**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_020

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 600.0 MG/KG

**DISP:** Dosing Accident

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Capsule

Hyperplasia, Focal

Liver

Hepatocytes

Cell-Size Alteration

Hepatocytes

Degeneration, Nos

Hepatocytes

Necrosis, Focal

Lung

Aspiration, Foreign Body

Congestion, Acute

Pancreas

Islets

Lymphocytic Inflammatory Infiltrate

Islet-Cell Adenoma

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54955A

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

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

**Time Report Requested:** 10:32:38

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

**Lab:** NA

**ANIMAL ID:** 1\_021

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 600.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Bone marrow		Hyperplasia, Granulocytic
Kidney		Glomerulonephritis, Acute
Liver		Hematopoiesis
Mammary gland		Adenocarcinoma, Nos
Ovary		Cyst, Follicular Nos
Pancreas		Inflammation, Active Chronic
Spleen	Follicles	Hyperplasia, Lymphoid
Uterus	Endometrial Gland	Hyperplasia, Cystic
	Parovarian	Inflammation, Suppurative

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_022

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 600.0 MG/KG

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Liver	Hepatocytes	Cell-Size Alteration Hepatocellular Carcinoma
Unspecified	Hepatocytes Multiple Organs Nos	Necrosis, Focal Hemangiosarcoma

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_023

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 600.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Brain	Meninges	Inflammation, Chronic Focal
Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
		Hepatocellular Adenoma
	Hepatocytes	Necrosis, Focal
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Ovary		Atrophy, Senile
		Cyst, Follicular Nos
Salivary gland		Lymphocytic Inflammatory Infiltrate
Spleen	Follicles	Hyperplasia, Lymphoid
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-



**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_024

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 600.0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Brain	Cerebrum	Atrophy, Pressure
Liver	Hepatocytes	Necrosis, Focal
Mammary gland		Adenosquamous Carcinoma
Pancreas	Islets	Hyperplasia, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Glandular Stomach	Hyperplasia, Focal
	Glandular Stomach	Inflammation, Acute Focal
Uterus	Endometrial Gland	Cyst, Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_025

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 600.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Liver

Capsule  
Hepatocytes

Hyperplasia, Focal  
Degeneration, Nos  
Hemangiosarcoma  
Hepatocellular Carcinoma  
Cyst, Follicular Nos  
Lymphoma, Lymphocytic-Malignant Type  
Hyperplasia, Cystic

Ovary  
Unspecified  
Uterus

Multiple Organs Nos  
Endometrial Gland

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_026

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 600.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Liver

Capsule  
Hepatocytes

Hyperplasia, Focal  
Degeneration, Nos  
Hepatocellular Carcinoma

Lung  
Ovary  
Spleen  
Uterus

Hepatocytes  
Bronchiole  
  
Follicles  
Endometrial Gland

Necrosis, Focal  
Lymphocytic Inflammatory Infiltrate  
Cyst, Follicular Nos  
Hyperplasia, Focal  
Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_027

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 600.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
		Hepatocellular Adenoma
	Hepatocytes	Necrosis, Focal
Pituitary gland	Anterior Pituitary	Congestion, Nos
	Anterior Pituitary	Hyperplasia, Focal
Spleen	Follicles	Hyperplasia, Focal
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_028

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 600.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Bone marrow  
Liver

Capsule

Hyperplasia, Focal  
Metamorphosis, Fatty  
Hepatocellular Carcinoma

Spleen  
Unspecified  
Uterus

Hepatocytes

Necrosis, Focal  
Hematopoiesis

Red Pulp

Lymphoma, Histiocytic-Malignant Type

Multiple Organs Nos

Endometrial Gland

Hyperplasia, Cystic

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PRIMARY CAUSE OF DEATH

-

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**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_029

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 600.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
	Capsule	Hyperplasia, Nos
Liver	Hepatocytes	Degeneration, Nos
		Hepatocellular Adenoma
Ovary		Cyst, Follicular Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
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:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_030

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 600.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Kidney	Tubule	Regeneration, Nos
Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
		Hepatocellular Adenoma
Lung	Hepatocytes	Necrosis, Focal
		Aspiration, Foreign Body
		Mastocytosis
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Ovary		Cyst, Follicular Nos
Spleen	Follicles	Hyperplasia, Focal
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_031

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 600.0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver

Capsule  
Tubule  
Hepatocytes  
Hepatocytes

Hyperplasia, Focal  
Regeneration, Nos  
Cell-Size Alteration  
Degeneration, Nos  
Hepatocellular Carcinoma

Unspecified  
Uterus

Hepatocytes  
Multiple Organs Nos  
Endometrial Gland

Necrosis, Focal  
Lymphoma, Mixed-Malignant Type  
Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_032

**TRT#:** 1  
**DOSE:** 600.0 MG/KG

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hematopoiesis
Bone marrow		Hyperplasia, Granulocytic
Kidney	Tubule	Dilatation, Nos
Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
	Hepatocytes	Necrosis, Focal
Lung	Alveoli	Hemorrhage
Pancreas		Inflammation, Granulomatous Focal
Spleen	Red Pulp	Hematopoiesis
Unspecified	Multiple Organs Nos	Inflammation, Necro Granulomatous

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_033

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 600.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Brain	Cerebrum	Atrophy, Pressure
Liver	Hepatocytes	Degeneration, Nos Hepatocellular Adenoma
Lung	Bronchiole	Lymphocytic Inflammatory Infiltrate
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Mammary gland		Dilatation, Ducts Fibroadenoma
Pancreas	Islets	Hyperplasia, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen	Follicles	Hyperplasia, Focal
Thyroid		Follicular-Cell Adenoma Hyperplasia, Follicular Cell
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_034

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 600.0 MG/KG

**DISP:** Dosing Accident

**HISTO:**

**OBSERVATIONS**

Esophagus	Periesophageal Tissue	Foreign Body, Nos
	Periesophageal Tissue	Inflammation, Acute/Chronic
Lung	Pleura Nos	Inflammation, Acute Focal
Spleen		Degeneration, Nos
Thymus		Foreign Body, Nos
		Inflammation, Acute/Chronic
Unspecified	Mediastinum Nos	Foreign Body, Nos
	Mediastinum Nos	Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54955A

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

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

**Time Report Requested:** 10:32:38

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

**Lab:** NA

**ANIMAL ID:** 1\_035

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 600.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Capsule	Hyperplasia, Focal
Heart	Myocardium Nos	Periarteritis
Kidney	Tubule	Regeneration, Nos
Liver	Hepatocytes	Degeneration, Nos
		Hepatocellular Adenoma
	Hepatocytes	Necrosis, Focal
Pancreas	Acinus	Hyperplasia, Focal
	Islets	Hyperplasia, Focal
Thyroid		Cyst, Follicular Nos
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_036

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 600.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Brain  
Kidney  
Liver

Capsule  
White Matter  
Tubule

Hyperplasia, Focal  
Cytoplasmic Vacuolization  
Regeneration, Nos  
Hepatocellular Carcinoma  
Infarct, Nos  
Inflammation, Granulomatous Focal  
Necrosis, Coagulative  
Cyst, Follicular Nos  
Lymphoma, Mixed-Malignant Type  
Hyperplasia, Cystic

Ovary  
Unspecified  
Uterus

Multiple Organs Nos  
Endometrial Gland

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_037

**TRT#:** 1  
**DOSE:** 600.0 MG/KG

**SEX:** Female  
**DISP:** Dosing Accident

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

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**OBSERVATIONS**

Esophagus	Periesophageal Tissue
Unspecified	Mediastinum Nos

Inflammation, Acute  
Inflammation, Acute

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_038

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 600.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Liver

Cortex Nos  
Hepatocytes  
Hepatocytes

Metamorphosis, Fatty  
Cell-Size Alteration  
Degeneration, Nos  
Hepatocellular Adenoma

Lung  
Lymph node  
Pituitary gland  
Spleen  
Thyroid

Hepatocytes  
  
Mandibular Lymph Node  
Anterior Pituitary  
Follicles

Necrosis, Focal  
Hyperplasia, Lymphoid  
Hyperplasia, Lymphoid  
Adenoma, Nos  
Hyperplasia, Lymphoid  
Follicular-Cell Adenoma  
Hyperplasia, Follicular Cell  
Hyperplasia, Cystic

Uterus

Endometrial Gland

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_039

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 600.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
		Hepatocellular Adenoma
	Hepatocytes	Necrosis, Focal
Lung		Inflammation, Granulomatous Focal
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Ovary		Cyst, Parovarian
Spleen	Follicles	Hyperplasia, Focal
Thyroid		Hyperplasia, Follicular Cell
Urinary bladder		Hyperplasia, Lymphoid
Uterus		Dilatation, Nos
	Endometrial Gland	Hyperplasia, Cystic
	Cervix Uteri	Inflammation, Active Chronic

PRIMARY CAUSE OF DEATH

-



**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_040

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 600.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Bone marrow		Metamorphosis, Fatty
Kidney	Tubule	Hyperplasia, Epithelial
Liver		Hepatocellular Adenoma
		Hepatocellular Carcinoma
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Salivary gland		Hyperplasia, Lymphoid
Spleen	Follicles	Hyperplasia, Lymphoid
Thyroid		Inflammation, Granulomatous Focal
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_041

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 600.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Capsule	Cytoplasmic Vacuolization Hyperplasia, Focal
Kidney	Tubule	Regeneration, Nos
Liver		Hemangiosarcoma Hepatocellular Adenoma
Lymph node	Mesenteric Lymph Node Mesenteric Lymph Node	Angiectasis Cyst, Nos
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:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_042

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 600.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver

Capsule  
Tubule  
Hepatocytes  
Hepatocytes

Hyperplasia, Focal  
Regeneration, Nos  
Cell-Size Alteration  
Degeneration, Nos  
Hepatocellular Adenoma

Stomach  
Unspecified  
Uterus

Hepatocytes  
Forestomach  
Multiple Organs Nos  
Endometrial Gland

Necrosis, Focal  
Squamous Cell Papilloma  
Lymphoma, Mixed-Malignant Type  
Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_043

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 600.0 MG/KG

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Capsule

Hyperplasia, Focal

Liver

Hepatocytes

Cell-Size Alteration

Hepatocytes

Degeneration, Nos

Hepatocytes

Necrosis, Focal

Lung

Osteosarcoma, Metastatic

Unspecified

Leg

Osteosarcoma

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_044

**TRT#:** 1  
**DOSE:** 600.0 MG/KG

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Kidney		Hyperplasia, Lymphoid
	Tubule	Regeneration, Nos
Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
		Hepatocellular Carcinoma
	Hepatocytes	Necrosis, Focal
Lung		Inflammation, Interstitial
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Spleen	Follicles	Hyperplasia, Focal
Thymus		Hyperplasia, Lymphoid
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_045

**TRT#:** 1  
**DOSE:** 600.0 MG/KG

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Kidney	Tubule	Regeneration, Nos
Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
		Hepatocellular Carcinoma
		Inflammation, Acute/Chronic
	Hepatocytes	Necrosis, Focal
Lung	Bronchiole	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen	Follicles	Hyperplasia, Focal
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_046

**TRT#:** 1  
**DOSE:** 600.0 MG/KG

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Heart	Myocardium Nos	Mineralization
Kidney	Tubule	Regeneration, Nos
Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
		Hepatocellular Carcinoma
		Inflammation, Acute/Chronic
	Hepatocytes	Necrosis, Focal
Lung	Bronchiole	Lymphocytic Inflammatory Infiltrate
Spleen	Follicles	Hyperplasia, Lymphoid
Stomach	Forestomach	Acanthosis
	Forestomach	Ulcer, Chronic
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_047

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 600.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver

Capsule  
Tubule  
Hepatocytes  
Hepatocytes

Hyperplasia, Focal  
Regeneration, Nos  
Cell-Size Alteration  
Degeneration, Nos  
Hepatocellular Adenoma

Lymph node  
Spleen  
Uterus

Hepatocytes  
Mandibular Lymph Node  
Follicles  
Endometrial Gland

Necrosis, Focal  
Hyperplasia, Lymphoid  
Hyperplasia, Lymphoid  
Hyperplasia, Cystic  
Inflammation, Acute Focal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_048

**TRT#:** 1  
**DOSE:** 600.0 MG/KG

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
	Cortex Nos	Hypertrophy, Focal
Kidney	Tubule	Regeneration, Nos
Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
		Hepatocellular Carcinoma
	Hepatocytes	Necrosis, Focal
Lung		Inflammation, Granulomatous Focal
	Bronchiole	Lymphocytic Inflammatory Infiltrate
Lymph node	Mesenteric Lymph Node	Angiectasis
	Mesenteric Lymph Node	Hematopoiesis
	Mandibular Lymph Node	Hyperplasia, Lymphoid
	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Spleen	Follicles	Hyperplasia, Lymphoid
Thyroid		Cyst, Follicular Nos
Uterus	Endometrial Gland	Hyperplasia, Cystic
	Endometrial Gland	Papillary Adenocarcinoma

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_049

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 600.0 MG/KG

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Capsule

Hyperplasia, Focal

Liver

Hepatocytes

Cell-Size Alteration

Hepatocytes

Degeneration, Nos

Hepatocellular Adenoma

Hepatocytes

Necrosis, Focal

Unspecified

Multiple Organs Nos

Lymphoma, Mixed-Malignant Type

Uterus

Endometrial Gland

Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_050

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 600.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
	Medulla	Pheochromocytoma
Bone marrow		Hyperplasia, Granulocytic
Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
		Focal Cellular Change
		Hepatocellular Adenoma
		Necrosis, Coagulative
Ovary	Hepatocytes	Necrosis, Focal
Unspecified	Multiple Organs Nos	Inflammation, Chronic Suppurative
Uterus	Endometrial Gland	Lymphoma, Mixed-Malignant Type
		Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 2\_001

**TRT#:** 2  
**DOSE:** 300.0 MG/KG

**SEX:** Female  
**DISP:** Dosing Accident

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

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**OBSERVATIONS**

Esophagus  
Periesophageal Tissue  
Periesophageal Tissue

Foreign Body, Nos  
Inflammation, Acute/Chronic  
Wound, Lacerated

Thymus  
Unspecified  
Cortex  
Mediastinum Nos  
Mediastinum Nos

Depletion, Lymphoid  
Foreign Body, Nos  
Inflammation, Acute/Chronic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_002

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 300.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Capsule

Hyperplasia, Focal

Unspecified

Multiple Organs Nos

Lymphoma, Mixed-Malignant Type

Multiple Organs Nos

Mast-Cell Sarcoma

Uterus

Endometrial Gland

Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_003

**TRT#:** 2  
**DOSE:** 300.0 MG/KG

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

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

---

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
	Medulla	Pheochromocytoma
Kidney	Cortex	Infarct, Focal
Liver		Hepatocellular Adenoma
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrial Gland	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_004

**TRT#:** 2  
**DOSE:** 300.0 MG/KG

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

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

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**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Liver		Hepatocellular Adenoma
Lung		Alveolar/Bronchiolar Adenoma
Ovary		Cyst, Follicular Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Spleen	Follicles	Hyperplasia, Focal
Uterus	Endometrial Gland	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_005

**TRT#:** 2  
**DOSE:** 300.0 MG/KG

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

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

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**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Kidney	Tubule	Regeneration, Nos
Liver		Hematopoiesis
Lung	Bronchiole	Lymphocytic Inflammatory Infiltrate
Ovary		Cyst, Parovarian
Pancreas	Islets	Hyperplasia, Focal
Uterus	Endometrial Gland	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 2\_006

**TRT#:** 2  
**DOSE:** 300.0 MG/KG

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

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

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**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Bone	Vertebral Column	Osteosarcoma
Lung		Inflammation, Granulomatous Focal
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Unspecified	Multiple Organs Nos	Hyperplasia, Lymphoid
Uterus	Endometrial Gland	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 2\_007

**TRT#:** 2  
**DOSE:** 300.0 MG/KG

**SEX:** Female  
**DISP:** Dosing Accident

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

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**OBSERVATIONS**

Bone marrow		Hyperplasia, Granulocytic
Esophagus	Periesophageal Tissue	Foreign Body, Nos
	Periesophageal Tissue	Inflammation, Acute/Chronic
Heart		Thrombosis, Nos
Spleen		Depletion, Lymphoid
Unspecified	Mediastinum Nos	Foreign Body, Nos
	Mediastinum Nos	Inflammation, Acute/Chronic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_008

**TRT#:** 2  
**DOSE:** 300.0 MG/KG

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Eye	Crystalline Lens	Cataract
	Cornea	Inflammation, Chronic Focal
Harderian gland	Hardarian Gland	Papillary Adenocarcinoma
Liver		Hematopoiesis
Lung	Bronchiole	Lymphocytic Inflammatory Infiltrate
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Ovary		Cyst, Follicular Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Unspecified	Eyelid	Inflammation, Active Chronic
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54955A

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

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

**Time Report Requested:** 10:32:38

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

**Lab:** NA

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**ANIMAL ID:** 2\_009

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 300.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Kidney  
Lymph node  
Ovary  
Pituitary gland  
Spleen  
Uterus

Capsule  
Cortex  
Mandibular Lymph Node  
  
Anterior Pituitary  
Follicles  
Endometrial Gland

Hyperplasia, Focal  
Infarct, Focal  
Hyperplasia, Lymphoid  
Cyst, Follicular Nos  
Adenoma, Nos  
Hyperplasia, Lymphoid  
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_010

**TRT#:** 2  
**DOSE:** 300.0 MG/KG

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Adenoma, Nos
	Capsule	Hyperplasia, Focal
Lung	Bronchiole	Lymphocytic Inflammatory Infiltrate
Ovary		Cyst, Follicular Nos
		Cyst, Parovarian
Spleen	Follicles	Hyperplasia, Lymphoid
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_011

**TRT#:** 2  
**DOSE:** 300.0 MG/KG

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

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

**OBSERVATIONS**

Adrenal gland  
Harderian gland  
Liver

Capsule  
Hardarian Gland

Lung  
Lymph node

Inguinal Lymph Node  
Mandibular Lymph Node

Pituitary gland  
Uterus

Intermedia  
Endometrial Gland

Hyperplasia, Focal  
Adenoma, Nos  
Hepatocellular Adenoma  
Inflammation, Acute Focal  
Inflammation, Granulomatous Focal  
Hyperplasia, Lymphoid  
Hyperplasia, Lymphoid  
Adenoma, Nos  
Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_012

**TRT#:** 2  
**DOSE:** 300.0 MG/KG

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

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

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**OBSERVATIONS**

Adrenal gland

Capsule

Cortical Adenoma

Hyperplasia, Focal

Bone marrow

Fibrosis, Myelo

Ovary

Cyst, Follicular Nos

Spleen

Follicles

Hyperplasia, Lymphoid

Uterus

Endometrial Gland

Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 2\_013

**TRT#:** 2  
**DOSE:** 300.0 MG/KG

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

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

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**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Intestine Small	Peyers Patch	Hyperplasia, Lymphoid
Mammary gland		Dilatation, Ducts
Ovary		Cyst, Follicular Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen	Follicles	Hyperplasia, Lymphoid
Thymus		Hyperplasia, Lymphoid
Uterus	Endometrial Gland	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 2\_014

**TRT#:** 2  
**DOSE:** 300.0 MG/KG

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

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

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**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Kidney	Tubule	Regeneration, Nos
	Cortex	Tubular-Cell Adenoma
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrial Gland	Hyperplasia, Cystic
	Endometrial Gland	Metaplasia, Squamous

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_015

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 300.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Intestine Small	Peyers Patch	Lymphoma, Mixed-Malignant Type
Lung	Bronchiole	Lymphocytic Inflammatory Infiltrate
Lymph node	Mesenteric Lymph Node	Angiectasis
	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Ovary		Atrophy, Senile
Spleen	Follicles	Hyperplasia, Lymphoid
Thyroid		Hyperplasia, Follicular Cell
Urinary bladder		Hyperplasia, Lymphoid
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_016

**TRT#:** 2  
**DOSE:** 300.0 MG/KG

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
		Hepatocellular Carcinoma
	Hepatocytes	Necrosis, Focal
Lung		Hyperplasia, Lymphoid
Mammary gland		Adenocarcinoma, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Spleen	Red Pulp	Hematopoiesis

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_017

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 300.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
	Medulla	Hyperplasia, Focal
Bone marrow		Fibrosis, Myelo
Kidney	Tubule	Regeneration, Nos
Ovary		Cyst, Hemorrhagic
		Cyst, Parovarian
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_018

**TRT#:** 2  
**DOSE:** 300.0 MG/KG

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Intestine Small	Peyers Patch	Hyperplasia, Lymphoid
Kidney	Tubule	Regeneration, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Spleen	Follicles	Hyperplasia, Focal
Uterus	Endometrial Gland	Hematoma, Organized
	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_019

**TRT#:** 2  
**DOSE:** 300.0 MG/KG

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Brain	Cerebrum	Adenocarcinoma, Nos, Invasive
Liver	Hepatocytes	Degeneration, Nos
Lymph node	Mesenteric Lymph Node	Angiectasis
	Mesenteric Lymph Node	Hematopoiesis
	Thymic Lymph Node	Hyperplasia, Lymphoid
Mammary gland		Dilatation, Ducts
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenocarcinoma, Nos
Spleen	Follicles	Hyperplasia, Lymphoid
Thymus		Hyperplasia, Lymphoid
Thyroid		Cyst, Follicular Nos
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_020

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 300.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Kidney	Tubule	Regeneration, Nos
Liver		Hematopoiesis
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Ovary		Cyst, Follicular Nos
Spleen	Follicles	Hyperplasia, Lymphoid
Stomach	Glandular Stomach	Inflammation, Acute/Chronic
Thyroid		Inflammation, Acute/Chronic
Uterus		Endometrial Stromal Polyp
	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_021

**TRT#:** 2  
**DOSE:** 300.0 MG/KG

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
	Hepatocytes	Necrosis, Focal
Ovary	Follicle	Cyst, Hemorrhagic
Thyroid	Follicle	Cyst, Multiple
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-



**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_022

**TRT#:** 2  
**DOSE:** 300.0 MG/KG

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Heart	Epicardium	Inflammation, Acute Focal
Kidney		Nephropathy
Liver	Centrilobular	Cytoplasmic Vacuolization
Ovary		Cyst, Parovarian
Thyroid	Follicle	Cyst, Multiple
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrium	Angiectasis
	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_023

**TRT#:** 2  
**DOSE:** 300.0 MG/KG

**SEX:** Female  
**DISP:** Dosing Accident

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

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**OBSERVATIONS**

Esophagus

Periesophageal Tissue  
Periesophageal Tissue

Foreign Body, Nos  
Inflammation, Multifocal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_024

**TRT#:** 2  
**DOSE:** 300.0 MG/KG

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

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

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**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Heart	Myocardium Nos	Mineralization
Ovary		Inflammation, Acute Focal
Thyroid	Follicle	Cyst, Multiple
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type
Uterus		Inflammation, Acute Diffuse

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_025

**TRT#:** 2  
**DOSE:** 300.0 MG/KG

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

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

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**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
Mammary gland		Adenocarcinoma, Nos
Ovary		Cyst, Parovarian
Thyroid		Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Hyperplasia, Lymphoid
Uterus	Endometrial Gland	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_026

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 300.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Adenoma, Nos
	Capsule	Hyperplasia, Focal
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Ovary	Follicle	Cyst, Hemorrhagic
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Spleen	Follicles	Hyperplasia, Lymphoid
Thyroid		Hyperplasia, Follicular Cell
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

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**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:39  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_027

**TRT#:** 2  
**DOSE:** 300.0 MG/KG

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Eye	Crystalline Lens	Cataract
	Cornea	Inflammation, Chronic Focal
Harderian gland	Hardarian Gland	Papillary Adenocarcinoma
Liver		Hepatocellular Adenoma
		Hepatocellular Carcinoma
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Spleen	Follicles	Hyperplasia, Lymphoid
Urinary bladder		Hyperplasia, Lymphoid
Uterus	Endometrial Gland	Hyperplasia, Cystic
	Endometrial Gland	Metaplasia, Squamous

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:39  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 2\_028

**TRT#:** 2  
**DOSE:** 300.0 MG/KG

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

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

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**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Liver		Hepatocellular Adenoma
Lung	Bronchiole	Lymphocytic Inflammatory Infiltrate
Spleen	Follicles	Hyperplasia, Lymphoid
Uterus	Endometrial Gland	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:39  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 2\_029

**TRT#:** 2  
**DOSE:** 300.0 MG/KG

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

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

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**OBSERVATIONS**

Lymph node	Inguinal Lymph Node	Necrosis, Diffuse
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type
Uterus	Endometrial Gland	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:39  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_030

**TRT#:** 2  
**DOSE:** 300.0 MG/KG

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Bone marrow		Fibrosis, Myelo
Liver		Hepatocellular Adenoma
Mammary gland		Dilatation, Ducts
Pancreas	Islets	Hyperplasia, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thyroid		Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Hyperplasia, Lymphoid
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:39  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_031

**TRT#:** 2  
**DOSE:** 300.0 MG/KG

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

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

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**OBSERVATIONS**

Adrenal gland  
Ovary  
Unspecified  
Uterus

Capsule  
Multiple Organs Nos  
Endometrial Gland

Hyperplasia, Focal  
Cyst, Follicular Nos  
Hyperplasia, Lymphoid  
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:39  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_032

**TRT#:** 2  
**DOSE:** 300.0 MG/KG

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

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

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**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Kidney	Tubule	Regeneration, Nos
Liver	Hepatocytes	Degeneration, Nos
Ovary		Cyst, Follicular Nos
Uterus	Endometrial Gland	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:39  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_033

**TRT#:** 2  
**DOSE:** 300.0 MG/KG

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

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

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**OBSERVATIONS**

Adrenal gland  
Lymph node  
Spleen  
Uterus

Capsule  
Mandibular Lymph Node  
Follicles  
Endometrial Gland

Hyperplasia, Focal  
Hyperplasia, Lymphoid  
Hyperplasia, Lymphoid  
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:39  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_034

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 300.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Capsule

Hyperplasia, Focal

Medulla

Pheochromocytoma

Kidney

Tubule

Regeneration, Nos

Liver

Hepatocytes

Necrosis, Focal

Lung

Alveolar/Bronchiolar Adenoma

Lymph node

Mandibular Lymph Node

Hyperplasia, Lymphoid

Pituitary gland

Anterior Pituitary

Hyperplasia, Focal

Uterus

Endometrial Gland

Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:39  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_035

**TRT#:** 2  
**DOSE:** 300.0 MG/KG

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

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

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**OBSERVATIONS**

Bone	Femur	Fibrous Osteodystrophy
Liver		Hepatocellular Carcinoma
		Necrosis, Coagulative
Lung		Alveolar/Bronchiolar Adenoma
Stomach	Forestomach	Acanthosis
	Forestomach	Hyperkeratosis
	Forestomach	Inflammation, Acute Focal
Uterus	Endometrial Gland	Cyst, Multiple

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:39  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_036

**TRT#:** 2  
**DOSE:** 300.0 MG/KG

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

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

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**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Liver	Hepatocytes	Degeneration, Nos
	Hepatocytes	Necrosis, Focal
Lung		Aspiration, Foreign Body
Ovary		Cyst, Follicular Nos
Spleen	Follicles	Hyperplasia, Lymphoid
Uterus	Endometrial Gland	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:39  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_037

**TRT#:** 2  
**DOSE:** 300.0 MG/KG

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

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

**OBSERVATIONS**

Adrenal gland  
Intestine Small  
Liver

Capsule  
Peyers Patch  
Hepatocytes  
Hepatocytes

Hyperplasia, Focal  
Hyperplasia, Lymphoid  
Cell-Size Alteration  
Degeneration, Nos  
Inflammation, Acute/Chronic  
Hyperplasia, Lymphoid  
Hyperplasia, Lymphoid  
Hyperplasia, Cystic

Spleen  
Urinary bladder  
Uterus

Follicles  
Endometrial Gland

**PRIMARY CAUSE OF DEATH**

-



**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:39  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_038

**TRT#:** 2  
**DOSE:** 300.0 MG/KG

**SEX:** Female  
**DISP:** Dosing Accident

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

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**OBSERVATIONS**

Lung		Aspiration, Foreign Body
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:39  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_039

**TRT#:** 2  
**DOSE:** 300.0 MG/KG

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

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

---

**OBSERVATIONS**

Adrenal gland  
Peritoneum  
Unspecified

Capsule  
  
Abdomen  
Multiple Organs Nos

Hyperplasia, Focal  
Inflammation, Active Chronic  
Cystic Ducts  
Lymphoma, Lymphocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:39  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_040

**TRT#:** 2  
**DOSE:** 300.0 MG/KG

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

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

---

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Ovary		Cyst, Follicular Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type
Uterus	Endometrial Gland	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:39  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_041

**TRT#:** 2  
**DOSE:** 300.0 MG/KG

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

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

---

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Kidney		Nephropathy
Ovary		Cyst, Follicular Nos
Stomach	Glandular Stomach	Inflammation, Acute Focal
Unspecified	Multiple Organs Nos	Hyperplasia, Lymphoid
Uterus	Endometrial Gland	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:39  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_042

**TRT#:** 2  
**DOSE:** 300.0 MG/KG

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

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

---

**OBSERVATIONS**

Adrenal gland  
Thyroid  
Uterus

Capsule  
Endometrial Gland

Hyperplasia, Focal  
Hyperplasia, Follicular Cell  
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:39  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_043

**TRT#:** 2  
**DOSE:** 300.0 MG/KG

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

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

---

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
	Medulla	Pheochromocytoma
Lung		Alveolar/Bronchiolar Adenoma
Ovary		Cyst, Follicular Nos
Spleen	Follicles	Hyperplasia, Lymphoid
Uterus	Endometrial Gland	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:39  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_044

**TRT#:** 2  
**DOSE:** 300.0 MG/KG

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

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

---

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Liver		Hepatocellular Carcinoma
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrial Gland	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:39  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_045

**TRT#:** 2  
**DOSE:** 300.0 MG/KG

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

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

---

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Bone marrow		Fibrosis, Myelo
Liver	Hepatocytes	Degeneration, Nos
Ovary		Cyst, Follicular Nos
Uterus	Endometrial Gland	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:39  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_046

**TRT#:** 2  
**DOSE:** 300.0 MG/KG

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

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

---

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Kidney		Nephropathy
Liver		Hepatocellular Carcinoma
Ovary		Cyst, Parovarian
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrial Gland	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:39  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_047

**TRT#:** 2  
**DOSE:** 300.0 MG/KG

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

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

---

**OBSERVATIONS**

Adrenal gland

Capsule  
Cortex Nos

Hyperplasia, Focal

Hyperplasia, Focal

Ovary

Cyst, Parovarian

Unspecified

Multiple Organs Nos

Lymphoma, Mixed-Malignant Type

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:39  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_048

**TRT#:** 2  
**DOSE:** 300.0 MG/KG

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Liver		Inflammation, Acute/Chronic
Lung		Alveolar/Bronchiolar Adenoma
Ovary		Atrophy, Senile
Pancreas	Acinus	Atrophy, Focal
Spleen	Follicles	Hyperplasia, Lymphoid
Unspecified	Multiple Organs Nos	Sarcoma, Nos
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C54955A

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

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

**Time Report Requested:** 10:32:39

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

**Lab:** NA

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**ANIMAL ID:** 2\_049

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 300.0 MG/KG

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Liver

Necrosis, Coagulative

Unspecified

Multiple Organs Nos

Lymphoma, Nos-Malignant

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:39  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_050

**TRT#:** 2  
**DOSE:** 300.0 MG/KG

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

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

---

**OBSERVATIONS**

Adrenal gland

Capsule

Cortical Adenoma

Pituitary gland

Anterior Pituitary

Hyperplasia, Focal

Unspecified

Multiple Organs Nos

Hyperplasia, Focal

Uterus

Endometrial Gland

Lymphoma, Mixed-Malignant Type

Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:39  
**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	Capsule	Hyperplasia, Focal
Gall bladder		Hyperplasia, Papillary
Liver		Hemangioma
	Bile Duct	Hyperplasia, Focal
	Hepatocytes	Necrosis, Focal
Lung	Bronchiole	Lymphocytic Inflammatory Infiltrate
Lymph node	Mesenteric Lymph Node	Hemangioma
Ovary		Atrophy, Senile
Uterus	Endometrial Gland	Hyperplasia, Focal

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:39  
**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:**

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**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Liver	Hepatocytes	Focal Cellular Change
Lung		Inflammation, Acute/Chronic
Ovary		Atrophy, Senile
Spleen	Follicles	Hyperplasia, Lymphoid
Uterus	Endometrial Gland	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:39  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_003

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

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Liver		Hepatocellular Adenoma
Lung		Inflammation, Acute/Chronic
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Spleen	Follicles	Hyperplasia, Lymphoid
Thyroid		Hyperplasia, Follicular Cell
Uterus		Adenomyosis
	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:39  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_004

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

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

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

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**OBSERVATIONS**

Bone marrow		Hyperplasia, Granulocytic
Esophagus	Periesophageal Tissue	Foreign Body, Nos
Spleen	Red Pulp	Hematopoiesis
Thymus	Cortex	Degeneration, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:39  
**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:**

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**OBSERVATIONS**

Adrenal gland  
Ovary  
Unspecified  
Uterus

Capsule  
Multiple Organs Nos  
Endometrial Gland

Hyperplasia, Focal  
Atrophy, Senile  
Lymphoma, Lymphocytic-Malignant Type  
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:39  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_006

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

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

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

**OBSERVATIONS**

Adrenal gland  
Intestine Small  
Liver

Capsule  
Mucosa, Jejunum

Bile Duct

Lymph node  
Ovary

Mesenteric Lymph Node

Pancreas  
Pituitary gland  
Stomach  
Uterus

Acinus  
Anterior Pituitary  
Glandular Stomach  
Endometrial Gland

Hyperplasia, Focal  
Inflammation, Acute/Chronic  
Hepatocellular Adenoma  
Inflammation, Chronic Focal  
Metamorphosis, Fatty  
Histiocytosis  
Atrophy, Senile  
Atrophy, Focal  
Hyperplasia, Focal  
Inflammation, Acute/Chronic  
Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:39  
**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**

Adrenal gland	Capsule	Hyperplasia, Focal
Kidney	Tubule	Regeneration, Nos
Liver		Focal Cellular Change
Lung	Bronchiole	Lymphocytic Inflammatory Infiltrate
Mammary gland		Adenocarcinoma, Nos
Ovary		Atrophy, Senile
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Spleen	Follicles	Hyperplasia, Lymphoid
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:39  
**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**

Adrenal gland	Capsule	Hyperplasia, Focal
Kidney	Tubule	Regeneration, Nos
Liver		Hepatocellular Adenoma
Lung	Bronchiole	Hyperplasia, Lymphoid
Ovary		Luteoma
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Spleen	Follicles	Hyperplasia, Lymphoid
Thyroid		Hyperplasia, Follicular Cell
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:39  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_009

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

**SEX:** Female  
**DISP:** Dosing Accident

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Lung	Bronchiole	Lymphocytic Inflammatory Infiltrate
Lymph node	Thymic Lymph Node	Hemorrhage
Ovary		Atrophy, Senile
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Unspecified	Mediastinum Nos	Foreign Body, Nos
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:39  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_010

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

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Lung	Bronchiole	Lymphocytic Inflammatory Infiltrate
Ovary		Cyst, Follicular Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Spleen	Follicles	Hyperplasia, Lymphoid
Stomach	Glandular Stomach	Cyst, Nos
Uterus		Endometrial Stromal Polyp
	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:39  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_011

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

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

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

---

**OBSERVATIONS**

Ovary		Cyst, Follicular Nos
Stomach	Glandular Stomach	Metaplasia, Squamous
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type
Uterus	Endometrial Gland	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:39  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_012

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

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

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

---

**OBSERVATIONS**

Liver		Hepatocellular Carcinoma Necrosis, Coagulative
Lung		Hepatocellular Carcinoma, Metastatic
Lymph node	Mandibular Lymph Node	Hemorrhage
Uterus	Endometrial Gland	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:39  
**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:**

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**OBSERVATIONS**

Intestine Small	Peyers Patch	Inflammation, Granulomatous Focal
Ovary		Cyst, Follicular Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Thyroid		Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrial Gland	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:39  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_014

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

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Ovary	Follicle	Cyst, Multiple
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:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:39  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_015

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

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Lung	Bronchiole	Hyperplasia, Lymphoid
Ovary	Follicle	Cyst, Multiple
Skeletal muscle	Leg	Rhabdomyosarcoma
Spleen	Follicles	Hyperplasia, Lymphoid
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Ulcer, Nos
Uterus	Endometrial Gland	Hyperplasia, Cystic Leiomyoma

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C54955A

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

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

**Time Report Requested:** 10:32:39

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

**Lab:** NA

---

**ANIMAL ID:** 3\_016

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Capsule

Hyperplasia, Focal

Lung

Bronchiole

Lymphocytic Inflammatory Infiltrate

Ovary

Cyst, Parovarian

Spleen

Follicles

Hyperplasia, Lymphoid

Uterus

Endometrial Gland

Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:39  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_017

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

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

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

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**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Forestomach	Hyperplasia, Epithelial
Thyroid		Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrial Gland	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:39  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_018

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

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

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

---

**OBSERVATIONS**

Pancreas	Acinus
Unspecified	Multiple Organs Nos
Uterus	Endometrial Gland

Atrophy, Focal
Lymphoma, Histiocytic-Malignant Type
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:39  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_019

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

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

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

**OBSERVATIONS**

Adrenal gland  
Harderian gland

Capsule  
Hardarian Gland  
Hardarian Gland

Liver

Hyperplasia, Focal  
Adenoma, Nos  
Cyst, Nos  
Hepatocellular Carcinoma  
Necrosis, Coagulative

Lung  
Ovary

Alveolar/Bronchiolar Adenoma  
Cyst, Follicular Nos

Pituitary gland

Anterior Pituitary

Hyperplasia, Focal

Stomach

Glandular Stomach

Metaplasia, Squamous

Unspecified

Multiple Organs Nos

Lymphoma, Mixed-Malignant Type

Uterus

Endometrial Gland

Hyperplasia, Cystic

Fallopian Tube

Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:39  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_020

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

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Bone	Femur	Osteosclerosis
Bone marrow		Fibrosis, Myelo
Lung		Inflammation, Acute/Chronic
Ovary	Follicle	Cyst, Multiple
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Stomach	Forestomach	Squamous Cell Papilloma
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:39  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_021

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

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

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

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**OBSERVATIONS**

Bone marrow		Fibrosis, Myelo
Liver		Hepatocellular Adenoma
Lung		Pneumonia, Aspiration
Stomach	Forestomach	Squamous Cell Papilloma
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrial Gland	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:39  
**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:**

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**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Bone marrow		Hyperplasia, Granulocytic
Liver		Hepatocellular Adenoma
Ovary		Cyst, Follicular Nos
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Cervix Uteri	Dilatation, Nos
	Endometrial Gland	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:39  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_023

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

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

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

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**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Leukemia, Nos

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:39  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_024

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

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

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

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**OBSERVATIONS**

Liver		Hepatocellular Adenoma
Lung	Bronchiole	Hyperplasia, Lymphoid
Spleen	Follicles	Hyperplasia, Focal
Uterus	Endometrial Gland	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:39  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_025

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

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

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

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**OBSERVATIONS**

Adrenal gland	Medulla	Pheochromocytoma, Malignant
Lung		Pheochromocytoma, Metastatic
Ovary		Cyst, Follicular Nos
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrial Gland	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:39  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_026

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

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

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

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**OBSERVATIONS**

Adrenal gland  
Liver  
Ovary  
Unspecified

Capsule  
Bile Duct  
Follicle  
Multiple Organs Nos

Hyperplasia, Focal  
Hyperplasia, Epithelial  
Cyst, Multiple  
Lymphoma, Histiocytic-Malignant Type

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:39  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_027

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

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

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

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**OBSERVATIONS**

Adrenal gland  
Liver  
Lung  
Ovary  
Uterus

Capsule

Endometrial Gland

Hyperplasia, Focal  
Hepatocellular Adenoma  
Inflammation, Granulomatous Focal  
Cyst, Parovarian  
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:39  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_028

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

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

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

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**OBSERVATIONS**

Adrenal gland  
Pituitary gland  
Uterus

Capsule  
Anterior Pituitary

Hyperplasia, Focal  
Hyperplasia, Focal  
Dilatation, Nos  
Hyperplasia, Epithelial

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:39  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_029

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

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Intestine Large	Cecum, Colon	Leiomyosarcoma
Kidney	Cortex	Metaplasia, Osseous
Liver		Hemangiosarcoma
Lung		Inflammation, Granulomatous Focal
Ovary		Cyst, Follicular Nos
Stomach	Pylorus	Adenomatous Polyp, Nos
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:39  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_030

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

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

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

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**OBSERVATIONS**

Adrenal gland  
Pituitary gland  
Spleen  
Uterus

Capsule  
Anterior Pituitary  
Follicles  
  
Endometrial Gland

Hyperplasia, Focal  
Congestion, Nos  
Hyperplasia, Focal  
Hematoma, Organized  
Hyperplasia, Cystic  
Pyometra

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:39  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_031

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

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

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

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**OBSERVATIONS**

Adrenal gland  
Heart  
Liver  
Uterus

Capsule  
Myocardium Nos  
  
Endometrial Gland  
Cervix Uteri

Hyperplasia, Focal  
Metamorphosis, Fatty  
Inflammation, Acute/Chronic  
Hyperplasia, Cystic  
Inflammation, Acute Focal

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:39  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_032

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

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

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

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**OBSERVATIONS**

Adrenal gland  
Liver

Capsule

Hyperplasia, Focal  
Focal Cellular Change  
Inflammation, Acute/Chronic  
Inflammation, Granulomatous Focal

Lung  
Pituitary gland  
Uterus

Anterior Pituitary  
Endometrial Gland

Hyperplasia, Focal  
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:39  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_033

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

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

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

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**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Liver		Hepatocellular Adenoma
Lung	Bronchiole	Hyperplasia, Lymphoid
Pancreas	Islets	Hyperplasia, Focal
Uterus	Endometrial Gland	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:39  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_034

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

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

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

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**OBSERVATIONS**

Liver		Hepatocellular Carcinoma
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrial Gland	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54955A

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

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

**Time Report Requested:** 10:32:39

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

**Lab:** NA

---

**ANIMAL ID:** 3\_035

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

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

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

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**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Ovary		Cyst, Parovarian
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Spleen	Follicles	Hyperplasia, Lymphoid
Thyroid		Hyperplasia, Follicular Cell
Uterus	Endometrial Gland	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:39  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_036

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

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Bone marrow		Hyperplasia, Granulocytic
Intestine Small	Jejunum	Ulcer, Nos
Ovary		Cyst, Parovarian
Pancreas	Acinus	Atrophy, Focal
Spleen	Red Pulp	Hematopoiesis
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:39  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_037

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

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

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

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**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Kidney		Infarct, Nos
Liver	Periportal	Inflammation, Acute/Chronic
Lung		Alveolar/Bronchiolar Adenoma
Ovary		Cyst, Parovarian
Spleen	Follicles	Hyperplasia, Lymphoid
Uterus	Endometrial Gland	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:39  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_038

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

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

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

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**OBSERVATIONS**

Adrenal gland  
Liver  
Uterus

Capsule  
Endometrial Gland

Hyperplasia, Focal  
Inflammation, Chronic Focal  
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:39  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_039

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

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Kidney	Tubule	Regeneration, Nos
Lung		Hemorrhage
		Hyperplasia, Alveolar Epithelium
Ovary		Cyst, Hemorrhagic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen	Follicles	Hyperplasia, Lymphoid
Stomach	Glandular Stomach	Cyst, Multiple
	Glandular Stomach	Hyperplasia, Focal
	Glandular Stomach	Inflammation, Acute Focal
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:39  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_040

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

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

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

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**OBSERVATIONS**

Adrenal gland  
Liver  
Spleen  
Uterus

Capsule  
Follicles  
Endometrial Gland

Hyperplasia, Focal  
Inflammation, Acute/Chronic  
Hyperplasia, Lymphoid  
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:39  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_041

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

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

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

**OBSERVATIONS**

Adrenal gland  
Harderian gland  
Liver  
Lung  
  
Lymph node  
Ovary  
Uterus

Capsule  
Hardarian Gland  
  
Bronchiole  
Bronchiole  
Mandibular Lymph Node  
Follicle  
Endometrial Gland

Hyperplasia, Focal  
Papillary Adenocarcinoma  
Hepatocellular Carcinoma  
Inflammation, Acute/Chronic  
Lymphocytic Inflammatory Infiltrate  
Hyperplasia, Lymphoid  
Cyst, Multiple  
Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:39  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_042

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

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Brain	Cerebrum	Atrophy, Pressure
Liver		Hepatocellular Adenoma
Lung		Hyperplasia, Lymphoid
		Inflammation, Granulomatous Focal
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Ovary		Atrophy, Senile
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen	Follicles	Hyperplasia, Lymphoid
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:39  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_043

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

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Bone marrow		Hyperplasia, Granulocytic
Intestine Large	Colon	Inflammation, Acute/Chronic
Kidney	Tubule	Regeneration, Nos
Liver		Hepatocellular Carcinoma
		Inflammation, Acute/Chronic
Ovary		Atrophy, Senile
		Cyst, Follicular Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thyroid		Hyperplasia, C Cell
		Hyperplasia, Follicular Cell
		Inflammation, Acute/Chronic
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:39  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_044

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

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Ovary		Atrophy, Senile
Pituitary gland	Intermedia	Adenoma, Nos
	Anterior Pituitary	Hyperplasia, Focal
Thyroid		Cyst, Follicular Nos
		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:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:39  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_045

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

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

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

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**OBSERVATIONS**

Lung  
Unspecified

Alveoli  
Multiple Organs Nos

Hemorrhage  
Lymphoma, Mixed-Malignant Type

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:39  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_046

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

**SEX:** Female  
**DISP:** Dosing Accident

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

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**OBSERVATIONS**

Esophagus	Periesophageal Tissue	Foreign Body, Nos
	Periesophageal Tissue	Inflammation, Acute/Chronic
Ovary		Cyst, Follicular Nos
Thymus	Cortex	Depletion, Lymphoid
Unspecified	Mediastinum Nos	Foreign Body, Nos
	Mediastinum Nos	Inflammation, Acute/Chronic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:39  
**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		Cortical Adenoma
Lung		Alveolar/Bronchiolar Carcinoma
		Edema, Nos
Ovary		Cyst, Follicular Nos
Pancreas	Islets	Hyperplasia, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Forestomach	Squamous Cell Papilloma
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrial Gland	Hyperplasia, Cystic
	Endometrial Stroma	Inflammation, Acute Focal

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:39  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_048

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

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Liver		Hepatocellular Adenoma
Lung		Alveolar/Bronchiolar Adenoma
		Inflammation, Granulomatous Focal
Ovary		Atrophy, Senile
		Cyst, Parovarian
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:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:39  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_049

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

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

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

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**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Lung	Bronchiole	Hyperplasia, Lymphoid
Lymph node	Mesenteric Lymph Node	Hematopoiesis
	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Ovary		Cyst, Follicular Nos
Pancreas	Islets	Hyperplasia, Focal
Spleen	Follicles	Hyperplasia, Lymphoid
Uterus	Endometrial Gland	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C54955A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1,4-Dichlorobenzene (p-dichlorobenzene)  
**CAS Number:** 106-46-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:32:39  
**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**

Adrenal gland	Capsule	Hyperplasia, Focal
Brain	Lateral Ventricle Nos	Hyperplasia, Lymphoid
Lung		Alveolar/Bronchiolar Carcinoma
Ovary		Cyst, Parovarian
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Spleen	Follicles	Hyperplasia, Lymphoid
Stomach	Forestomach	Squamous Cell Papilloma
Thyroid		Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

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