

**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:** 13:58:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

<b>C Number:</b>	C54955A
<b>Cage Range:</b>	All
<b>Date Range:</b>	All
<b>Reasons For Removal:</b>	All
<b>Removal Date Range:</b>	All
<b>Treatment Groups:</b>	All
<b>Study Gender:</b>	Male

**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:** 13:58:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_001

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
	Medulla	Hyperplasia, Focal
	Cortex Nos	Hypertrophy, Focal
Kidney	Tubule	Regeneration, Nos
Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
		Hepatocellular Adenoma
		Hyperplasia, Focal
Spleen	Hepatocytes	Necrosis, Focal
Thyroid	Follicles	Hyperplasia, Lymphoid
Unspecified	Thorax	Hyperplasia, Follicular Cell
		Fibrosarcoma

**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:** 13:58:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_002

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Brain	Cerebellum Nos	Cytoplasmic Vacuolization
Intestine Small	Peyers Patch	Inflammation, Active Chronic
Kidney	Tubule	Regeneration, Nos
Liver		Adenocarcinoma, Nos, Metastatic
	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Clear-Cell Change
	Hepatocytes	Degeneration, Nos
		Hepatocellular Carcinoma
	Bile Duct	Hyperplasia, Focal
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Skin	Back	Acanthosis
	Back	Hyperkeratosis
Spleen	Follicles	Hyperplasia, Lymphoid
Stomach	Fundal Gland	Adenocarcinoma, Nos
Thyroid		Hyperplasia, Follicular Cell
Unspecified	Back	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:** 13:58:26

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

**Lab:** NA

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**ANIMAL ID:** 1\_003

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Bone marrow

Hyperplasia, Granulocytic

Liver

Hepatocytes

Cell-Size Alteration

Hepatocytes

Degeneration, Nos

Hepatocellular Carcinoma

Hepatocytes

Necrosis, Focal

Neurofibrosarcoma, Metastatic

Lymph node

Mandibular Lymph Node

Hyperplasia, Lymphoid

Skin

Abdomen

Acanthosis

Abdomen

Hyperkeratosis

Unspecified

Thorax

Neurofibrosarcoma

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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:** 13:58:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_004

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Adrenal gland	Medulla	Pheochromocytoma
Kidney		Nephropathy
	Tubule	Regeneration, Nos
Liver	Hepatocytes	Cell-Size Alteration
		Clear-Cell Change
	Hepatocytes	Degeneration, Nos
		Hepatocellular Carcinoma
	Hepatocytes	Necrosis, Focal
Lung		Aspiration, Foreign Body
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Spleen	Follicles	Hyperplasia, Lymphoid
Stomach	Forestomach	Acanthosis
	Forestomach	Hyperkeratosis
Thyroid		Hyperplasia, Follicular Cell

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:** 13:58:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_005

**TRT#:** 1

**SEX:** Male

**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 Carcinoma
	Hepatocytes	Necrosis, Focal
Lung		Aspiration, Foreign Body
Prostate	Periprostatic Tissue	Inflammation, Acute/Chronic
Spleen		Hemangiosarcoma
Thyroid		Hyperplasia, C Cell
		Hyperplasia, Follicular Cell

**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:** 13:58:26

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

**Lab:** NA

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**ANIMAL ID:** 1\_006

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600.0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Intestine Small  
Kidney  
Liver

Medulla  
Mesentery Nos  
  
Hepatocytes  
Hepatocytes

Hyperplasia, Focal  
Thrombosis, Nos  
Nephropathy  
Cell-Size Alteration  
Degeneration, Nos  
Hepatocellular Carcinoma  
Angiectasis

Lymph node

Mesenteric Lymph Node

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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:** 13:58:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_007

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Regeneration, Nos
Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
		Hepatocellular Adenoma
		Hepatocellular Carcinoma
	Hepatocytes	Necrosis, Focal
Lymph node	Mandibular Lymph Node	Plasmacytosis
Spleen	Follicles	Hyperplasia, Lymphoid
Thymus		Depletion, Lymphoid

**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:** 13:58:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_008

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Heart		Periarteritis
Kidney		Periarteritis
	Tubule	Regeneration, Nos
Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
		Hepatocellular Adenoma
		Necrosis, Coagulative
Lymph node	Mesenteric Lymph Node	Angiectasis
	Mesenteric Lymph Node	Hematopoiesis
Prostate	Periprostatic Tissue	Periarteritis
Salivary gland		Inflammation, Chronic Focal
Spleen	Follicles	Hyperplasia, Lymphoid
Unspecified	Back	Fibrosis, Focal

**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:** 13:58:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_009

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600.0 MG/KG

**DISP:** Dosing Accident

**HISTO:**

**OBSERVATIONS**

Bone marrow		Hyperplasia, Granulocytic
Esophagus	Periesophageal Tissue	Foreign Body, Nos
	Periesophageal Tissue	Inflammation, Acute/Chronic
Thymus		Foreign Body, Nos
		Inflammation, Acute/Chronic
Unspecified	Mediastinum Nos	Foreign Body, Nos
	Mediastinum Nos	Inflammation, Acute/Chronic
Urinary bladder	Mucosa	Cytoplasmic Vacuolization

**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:** 13:58:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_010

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
	Medulla	Hyperplasia, Focal
Kidney		Nephropathy
Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
		Hepatocellular Adenoma
		Hepatocellular Carcinoma
	Bile Duct	Hyperplasia, Focal
		Necrosis, Coagulative
Lung	Hepatocytes	Necrosis, Focal
	Mucous Gland	Congestion, Acute
		Dilatation, Nos
Lymph node	Mesenteric Lymph Node	Hemorrhage
	Mesenteric Lymph Node	Angiectasis
Thymus		Hematopoiesis
Unspecified	Abdomen	Depletion, Lymphoid
		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:** 13:58:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_011

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

**SEX:** Male  
**DISP:** Natural Death

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

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**OBSERVATIONS**

Bone marrow		Hyperplasia, Granulocytic
Liver		Necrosis, Coagulative
Lung		Sarcoma, Nos, Metastatic
Skeletal muscle	Intercostal Muscle	Sarcoma, Nos, Metastatic
Spleen	Red Pulp	Hematopoiesis
Unspecified	Flank	Sarcoma, 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:** 13:58:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_012

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Focal
	Medulla	Pheochromocytoma
Brain	White Matter	Cytoplasmic Vacuolization
Kidney		Hyperplasia, Lymphoid
	Tubule	Regeneration, Nos
Liver	Hepatocytes	Cell-Size Alteration
		Hepatocellular Carcinoma
	Bile Duct	Hyperplasia, Focal
	Hepatocytes	Necrosis, Focal
Lung		Alveolar/Bronchiolar Adenoma
		Mineralization
Lymph node	Mesenteric Lymph Node	Angiectasis
	Mesenteric Lymph Node	Hematopoiesis
Prostate		Hyperplasia, Epithelial
Spleen	Follicles	Hyperplasia, Lymphoid
Unspecified	Back	Fibrosis, Focal

**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:** 13:58:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_013

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600.0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
		Hepatocellular Adenoma
	Hepatocytes	Necrosis, Focal
Lymph node	Mesenteric Lymph Node	Hematopoiesis
Seminal vesicle		Hyperplasia, Epithelial
Spleen	Follicles	Hyperplasia, Lymphoid
Thymus		Depletion, Lymphoid
Trachea	Peritracheal Tissue	Hemorrhage
Unspecified	Shoulder	Fibrosarcoma

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:** 13:58:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_014

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600.0 MG/KG

**DISP:** Accidentally Killed

**HISTO:**

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**OBSERVATIONS**

Esophagus	Periesophageal Tissue
	Periesophageal Tissue
Thymus	Cortex
Unspecified	Mediastinum Nos
	Mediastinum Nos

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

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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:** 13:58:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_015

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600.0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Bone marrow		Hyperplasia, Granulocytic
Epididymis		Granuloma, Spermatic
Kidney	Tubule	Regeneration, Nos
Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
	Hepatocytes	Necrosis, Focal
Lung		Fibrosarcoma, Metastatic
Lymph node	Mesenteric Lymph Node	Angiectasis
	Mesenteric Lymph Node	Hematopoiesis
	Mesenteric Lymph Node	Hyperplasia, Focal
Pancreas		Cystic Ducts
Spleen	Red Pulp	Hematopoiesis
Testis		Atrophy, Diffuse
Unspecified	Axilla	Fibrosarcoma

**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:** 13:58:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_016

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600.0 MG/KG

**DISP:** Accidentally Killed

**HISTO:**

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**OBSERVATIONS**

Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
		Hepatocellular Carcinoma
	Hepatocytes	Necrosis, Focal
Lung		Aspiration, Foreign Body
		Congestion, Acute
Seminal vesicle		Retention Fluid
Testis	Tunica Vaginalis	Inflammation, Chronic Focal

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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:** 13:58:26

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

**Lab:** NA

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**ANIMAL ID:** 1\_017

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600.0 MG/KG

**DISP:** Accidentally Killed

**HISTO:**

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**OBSERVATIONS**

Esophagus

Periesophageal Tissue

Foreign Body, Nos

Periesophageal Tissue

Inflammation, Acute/Chronic

Thymus

Cortex

Depletion, Lymphoid

Unspecified

Mediastinum Nos

Foreign Body, Nos

Mediastinum Nos

Inflammation, Acute Focal

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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:** 13:58:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_018

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Kidney	Tubule	Dilatation, Nos
	Tubule	Regeneration, Nos
Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
	Hepatocytes	Hepatocellular Adenoma
	Hepatocytes	Necrosis, Focal
Lung		Inflammation, Granulomatous Focal
Lymph node	Mesenteric Lymph Node	Angiectasis
	Mesenteric Lymph Node	Hematopoiesis
	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Pituitary gland	Anterior Pituitary	Cyst, Multiple
Prostate		Hyperplasia, Epithelial
Spleen	Follicles	Hyperplasia, Focal

**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:** 13:58:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_019

**TRT#:** 1

**SEX:** Male

**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 Carcinoma  
Hyperplasia, Focal  
Necrosis, Focal  
Inflammation, Granulomatous Focal  
Inflammation, Chronic Suppurative  
Hyperplasia, Lymphoid  
Follicular-Cell Adenoma

Lung  
Preputial gland  
Spleen  
Thyroid

Bile Duct  
Hepatocytes

Follicles

**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:** 13:58:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_020

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Liver	Hepatocytes	Cell-Size Alteration
	Bile Duct	Cyst, Multiple
	Hepatocytes	Degeneration, Nos
		Hepatocellular Adenoma
	Hepatocytes	Necrosis, Focal
Skin	Shoulder	Acanthosis
	Shoulder	Hyperkeratosis
Spleen	Follicles	Hyperplasia, Focal
Thymus		Depletion, Lymphoid
Thyroid		Hyperplasia, Follicular Cell

**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:** 13:58:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_021

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Eye	Cornea	Inflammation, Active Chronic
	Cornea	Ulcer, Nos
Harderian gland	Hardarian Gland	Adenoma, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Tubule	Regeneration, Nos
Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
		Hepatocellular Adenoma
	Hepatocytes	Necrosis, Focal
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Preputial gland		Cystic Ducts
Spleen	Follicles	Hyperplasia, Lymphoid
Thyroid		Hyperplasia, Follicular Cell

**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:** 13:58:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_022

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Heart	Rt. Ventricle	Mineralization
Kidney	Tubule	Regeneration, Nos
Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
		Hepatocellular Carcinoma
	Hepatocytes	Necrosis, Focal
Lung		Hepatocellular Carcinoma, Metastatic
Skin	Abdomen	Acanthosis
	Abdomen	Hyperkeratosis
Spleen	Follicles	Hyperplasia, Lymphoid

**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:** 13:58:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_023

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Brain	Meninges	Inflammation, Chronic Focal
Epididymis		Inflammation, Granulomatous Focal
Kidney		Nephropathy
Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
		Focal Cellular Change
		Hepatocellular Adenoma
		Hepatocellular Carcinoma
		Necrosis, Coagulative
	Hepatocytes	Necrosis, Focal
Lung		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Angiectasis
	Mesenteric Lymph Node	Hematopoiesis
Thyroid		Follicular-Cell Adenoma
		Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type

**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:** 13:58:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_024

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600.0 MG/KG

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Kidney		Pyelonephritis, Acute
Liver	Hepatocytes	Degeneration, Nos Hepatocellular Carcinoma
Lymph node	Mesenteric Lymph Node	Angiectasis
Preputial gland		Cyst, Multiple
Prostate		Inflammation, Acute Focal
Urinary bladder		Inflammation, Acute Diffuse Hyperplasia, Epithelial

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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:** 13:58:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_025

**TRT#:** 1

**SEX:** Male

**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 Carcinoma
	Hepatocytes	Necrosis, Focal
Lymph node	Mesenteric Lymph Node	Angiectasis
	Mesenteric Lymph Node	Hyperplasia, Focal
	Mandibular Lymph Node	Hyperplasia, Lymphoid
Spleen	Follicles	Hyperplasia, Lymphoid

**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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_026

**TRT#:** 1

**SEX:** Male

**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

Hepatocellular Carcinoma

Necrosis, Coagulative

Hepatocytes

Necrosis, Focal

Lung

Aspiration, Foreign Body

Thymus

Depletion, Lymphoid

**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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_027

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600.0 MG/KG

**DISP:** Accidentally Killed

**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Bone marrow  
Esophagus

Capsule

Periesophageal Tissue  
Periesophageal Tissue  
Pleura Nos

Lung  
Spleen

Accessory Structure  
Hyperplasia, Granulocytic  
Foreign Body, Nos  
Inflammation, Acute/Chronic  
Inflammation, Acute/Chronic  
Depletion, Lymphoid

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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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_028

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Kidney		Hyperplasia, Lymphoid
	Tubule	Regeneration, Nos
Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
		Hepatocellular Adenoma
	Hepatocytes	Necrosis, Focal
Lung		Aspiration, Foreign Body
Lymph node	Mesenteric Lymph Node	Angiectasis
	Mesenteric Lymph Node	Hematopoiesis
	Mandibular Lymph Node	Hyperplasia, Lymphoid
	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Spleen	Follicles	Hyperplasia, Focal
Thyroid		Hyperplasia, Follicular Cell

**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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_029

**TRT#:** 1

**SEX:** Male

**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	Cell-Size Alteration Degeneration, Nos Hepatocellular Carcinoma
Lung	Hepatocytes	Necrosis, Focal Aspiration, Foreign Body Hyperplasia, Alveolar Epithelium
Lymph node	Mesenteric Lymph Node	Angiectasis
Stomach	Glandular Stomach	Hyperplasia, Epithelial
Testis	Tubule	Atrophy, Focal
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type

**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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_030

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Kidney

Liver

Tubule

Hepatocytes

Hepatocytes

Bile Duct

Hepatocytes

Lung

Lymph node

Spleen

Mandibular Lymph Node

Follicles

Cortical Adenoma

Regeneration, Nos

Cell-Size Alteration

Degeneration, Nos

Hepatocellular Adenoma

Hepatocellular Carcinoma

Hyperplasia, Focal

Necrosis, Focal

Aspiration, Foreign Body

Inflammation, Granulomatous Focal

Hyperplasia, Lymphoid

Hyperplasia, Lymphoid

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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_031

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600.0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Kidney		Nephropathy
Liver	Hepatocytes	Cell-Size Alteration Hepatoblastoma Hepatocellular Adenoma Hepatocellular Carcinoma
	Hepatocytes	Necrosis, Focal Hepatocellular Carcinoma, Metastatic
Lung		
Lymph node	Mesenteric Lymph Node	Angiectasis
	Mesenteric Lymph Node	Hematopoiesis
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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_032

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Kidney		Nephropathy
Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
		Hepatocellular Carcinoma
	Hepatocytes	Necrosis, Focal
Spleen	Follicles	Hyperplasia, Lymphoid
Thyroid		Follicular-Cell Adenoma
Unspecified	Abdomen	Fibrosis, Multifocal
	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type

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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_033

**TRT#:** 1

**SEX:** Male

**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 Carcinoma

Hepatocytes

Necrosis, Focal

Spleen

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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_034

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Gall bladder		Hyperplasia, Epithelial
Kidney		Nephropathy
Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
		Hepatoblastoma
		Hepatocellular Carcinoma
	Hepatocytes	Necrosis, Focal
Lymph node	Mesenteric Lymph Node	Angiectasis
	Mesenteric Lymph Node	Hematopoiesis
Pancreas	Islets	Hyperplasia, Focal
Spleen	Red Pulp	Hematopoiesis
Thyroid	Follicle	Papillary Adenoma

**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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_035

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600.0 MG/KG

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Capsule

Hyperplasia, Focal

Medulla

Pheochromocytoma

Liver

Hepatocytes

Cell-Size Alteration

Hepatocytes

Degeneration, Nos

Hepatocellular Carcinoma

Hepatocytes

Necrosis, 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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_036

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Gall bladder		Hyperplasia, Epithelial
Kidney		Nephropathy
Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
		Hepatocellular Adenoma
		Hepatocellular Carcinoma
	Hepatocytes	Necrosis, Focal
Lung		Aspiration, Foreign Body
Lymph node	Mesenteric Lymph Node	Angiectasis
Spleen		Hemangiosarcoma
Stomach	Glandular Stomach	Metaplasia, Squamous
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type

**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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_037

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Gall bladder		Hyperplasia, Epithelial
Kidney		Nephropathy
Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
		Hepatoblastoma
		Hepatocellular Adenoma
		Hepatocellular Carcinoma
Lung	Hepatocytes	Necrosis, Focal
		Aspiration, Foreign Body
		Inflammation, Granulomatous Focal
Lymph node	Mesenteric Lymph Node	Angiectasis
	Mesenteric Lymph Node	Hematopoiesis
	Mandibular Lymph Node	Hyperplasia, Focal
	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Spleen	Follicles	Hyperplasia, 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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_038

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600.0 MG/KG

**DISP:** Accidentally Killed

**HISTO:**

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**OBSERVATIONS**

Bone marrow		Hyperplasia, Granulocytic
Lymph node		Hyperplasia, Lymphoid
Spleen	Follicles	Degeneration, Nos
Thymus		Hyperplasia, Lymphoid
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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_039

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Kidney		Nephropathy
Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
		Hepatoblastoma
		Hepatocellular Carcinoma
Lung	Hepatocytes	Necrosis, Focal
		Alveolar/Bronchiolar Adenoma
		Inflammation, Granulomatous Focal
Lymph node	Mesenteric Lymph Node	Angiectasis
	Mesenteric Lymph Node	Hematopoiesis
	Mandibular Lymph Node	Hyperplasia, Lymphoid
	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Spleen	Follicles	Hyperplasia, 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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_040

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Intestine Small	Mesentery Nos	Inflammation, Granulomatous Focal
Kidney	Tubule	Regeneration, Nos
Liver		Angiectasis
	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
		Hepatocellular Adenoma
	Hepatocytes	Necrosis, Focal
Lung		Hyperplasia, Alveolar Epithelium
		Inflammation, Granulomatous Focal
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Pancreas	Islets	Hyperplasia, Focal
Skin		Parasitism
Unspecified	Thorax	Fibroma

**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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_041

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

**SEX:** Male  
**DISP:** Moribund Sacrifice

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Bone marrow		Hyperplasia, Granulocytic
Intestine Small	Jejunum	Lymphoma, Lymphocytic-Malignant Type
	Jejunum	Necrosis, Focal
	Jejunum	Ulcer, Nos
Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
		Hematopoiesis
		Hepatocellular Adenoma
		Hepatocellular Carcinoma
	Hepatocytes	Necrosis, Focal
Lung		Inflammation, Interstitial
Lymph node	Mandibular Lymph Node	Plasmacytosis
Spleen	Red Pulp	Hematopoiesis
Testis		Interstitial-Cell Tumor

**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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_042

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Kidney		Nephropathy
Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
		Focal Cellular Change
		Hepatocellular Carcinoma
	Hepatocytes	Necrosis, Focal
Lung		Aspiration, Foreign Body
Lymph node	Mesenteric Lymph Node	Angiectasis
	Mesenteric Lymph Node	Hematopoiesis
Pancreas	Islets	Hyperplasia, Focal
Spleen	Follicles	Hyperplasia, Lymphoid
Stomach	Forestomach	Squamous Cell Papilloma
Thyroid		Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type

**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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_043

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600.0 MG/KG

**DISP:** Accidentally Killed

**HISTO:**

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**OBSERVATIONS**

Esophagus

Periesophageal Tissue

Foreign Body, Nos

Lung

Periesophageal Tissue

Inflammation, Acute/Chronic

Unspecified

Pleura Nos

Congestion, Nos

Mediastinum Nos

Inflammation, Acute/Chronic

Mediastinum Nos

Foreign Body, Nos

Inflammation, Acute/Chronic

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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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_044

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Kidney		Nephropathy
Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
		Hepatocellular Carcinoma
	Hepatocytes	Necrosis, Focal
Lung		Inflammation, Interstitial
Spleen	Follicles	Hyperplasia, Lymphoid
Stomach	Forestomach	Acanthosis
	Forestomach	Hyperkeratosis
	Forestomach	Inflammation, Active 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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_045

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Gall bladder		Hyperplasia, Epithelial
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
		Hematopoiesis
		Hepatocellular Carcinoma
	Hepatocytes	Necrosis, Focal
Lymph node	Mesenteric Lymph Node	Angiectasis
	Mesenteric Lymph Node	Hematopoiesis
	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Spleen	Follicles	Hyperplasia, Lymphoid
Thyroid		Hyperplasia, Follicular Cell

**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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_046

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600.0 MG/KG

**DISP:** Accidentally Killed

**HISTO:**

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**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Acute/Chronic
Kidney		Pyelonephritis, Acute/Chronic
Lung		Congestion, Nos
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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_047

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

**SEX:** Male  
**DISP:** Natural Death

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

**OBSERVATIONS**

Adrenal gland	Medulla	Pheochromocytoma, Malignant
Heart	Myocardium Nos	Degeneration, Nos
Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
		Hepatocellular Carcinoma
		Necrosis, Coagulative
	Hepatocytes	Necrosis, Focal
Pancreas	Islets	Hyperplasia, Focal
Prostate	Periprostatic Tissue	Inflammation, Acute Focal
Skin	Scrotum	Ulcer, Nos
Stomach	Forestomach	Acanthosis
	Forestomach	Hyperkeratosis
Unspecified	Multiple Organs Nos	Fibrosarcoma, Uncertain Primary Or Metastatic

**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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_048

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600.0 MG/KG

**DISP:** Accidentally Killed

**HISTO:**

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**OBSERVATIONS**

Adrenal gland	Cortex Nos	Infarct, Acute
Kidney		Infarct, Acute
Lymph node	Mesenteric Lymph Node	Depletion, Lymphoid
Spleen		Depletion, Lymphoid
Thymus		Depletion, Lymphoid
Unspecified	Mediastinum Nos	Foreign Body, Nos
	Mediastinum Nos	Inflammation, Acute Necrotizing

---

**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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_049

**TRT#:** 1

**SEX:** Male

**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 Carcinoma  
Necrosis, Focal  
Hyperplasia, Lymphoid  
Hyperplasia, Lymphoid

Lymph node  
Spleen

Hepatocytes  
Mandibular Lymph Node  
Follicles

**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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_050

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Kidney		Nephropathy
Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
		Hematopoiesis
		Hepatocellular Carcinoma
Lung	Hepatocytes	Necrosis, Focal
Preputial gland		Inflammation, Granulomatous Focal
Unspecified	Multiple Organs Nos	Inflammation, Active Chronic
		Lymphoma, Mixed-Malignant Type

**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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_001

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Capsule	Hyperplasia, Focal
Epididymis		Hyperplasia, Epithelial
Kidney		Nephropathy
	Tubule	Regeneration, Nos
Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
	Bile Duct	Dilatation, Nos
	Hepatocytes	Necrosis, Focal
Spleen	Follicles	Hyperplasia, Lymphoid

**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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_002

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

**SEX:** Male  
**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
	Hepatocytes	Necrosis, Focal
Lung		Pneumonia, Interstitial Chronic
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Preputial gland		Dilatation, Ducts
Spleen	Follicles	Hyperplasia, Lymphoid

**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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_003

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Adrenal gland	Capsule	Adenoma, Nos
	Capsule	Hyperplasia, Focal
Gall bladder		Hyperplasia, Epithelial
Kidney	Tubule	Regeneration, Nos
Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
		Hepatocellular Adenoma
	Hepatocytes	Necrosis, Focal
Lung		Alveolar/Bronchiolar Carcinoma
		Pneumonia, Aspiration
Pancreas	Acinus	Atrophy, Focal
	Islets	Hyperplasia, Focal
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type

**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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_004

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

**SEX:** Male  
**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 Adenoma
		Hepatocellular Carcinoma
	Hepatocytes	Necrosis, Focal
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Pancreas	Islets	Hyperplasia, Focal
Salivary gland		Hyperplasia, Lymphoid
Spleen	Follicles	Hyperplasia, Focal
Thyroid		Hyperplasia, Follicular Cell

**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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_005

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

**SEX:** Male  
**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
Lung		Inflammation, Interstitial
Unspecified	Thorax	Abscess, Nos
	Thorax	Foreign Body, 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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_006

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

**SEX:** Male  
**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 Adenoma
Lung	Hepatocytes	Necrosis, Focal
		Hemorrhage
	Bronchiole	Lymphocytic Inflammatory Infiltrate
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Pancreas	Acinus	Atrophy, Focal
Spleen	Follicles	Hyperplasia, Lymphoid

**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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_007

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

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**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
	Medulla	Hyperplasia, Focal
Kidney	Tubule	Regeneration, Nos
Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
	Hepatocytes	Necrosis, Focal
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Spleen	Follicles	Hyperplasia, Lymphoid

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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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_008

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

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**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver

Capsule  
Tubule  
Hepatocytes  
Hepatocytes

Hyperplasia, Focal  
Regeneration, Nos  
Cell-Size Alteration  
Degeneration, Nos  
Focal Cellular Change  
Hepatocellular Carcinoma  
Necrosis, Focal  
Lymphoma, Mixed-Malignant Type

Unspecified

Hepatocytes  
Multiple Organs 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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_009

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

---

**OBSERVATIONS**

Gall bladder		Cyst, Nos
Kidney	Tubule	Regeneration, Nos
Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
		Hepatocellular Adenoma
	Hepatocytes	Necrosis, Focal
Lung	Bronchiole	Lymphocytic Inflammatory Infiltrate
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Spleen	Follicles	Hyperplasia, Lymphoid

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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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_010

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

**SEX:** Male  
**DISP:** Dosing Accident

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

---

**OBSERVATIONS**

Esophagus  
Unspecified

Periesophageal Tissue  
Mediastinum Nos

Foreign Body, Nos  
Foreign Body, 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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_011

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

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**OBSERVATIONS**

Epididymis		Inflammation, Granulomatous Focal
Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
	Hepatocytes	Necrosis, Focal
Lung		Aspiration, Foreign Body
Lymph node	Lumbar Lymph Node	Hematopoiesis
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
	Multiple Organs Nos	Periarteritis

---

**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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_012

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

**SEX:** Male  
**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
	Hepatocytes	Necrosis, Focal
Lung		Inflammation, Granulomatous Focal
	Bronchiole	Lymphocytic Inflammatory Infiltrate
Thyroid		Hyperplasia, Follicular Cell

**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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_013

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

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**OBSERVATIONS**

Kidney	Cortex	Cyst, Nos
Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
	Hepatocytes	Necrosis, Focal
Lymph node	Mesenteric Lymph Node	Angiectasis
	Mesenteric Lymph Node	Hematopoiesis
	Mandibular Lymph Node	Hyperplasia, Lymphoid
Spleen	Follicles	Hyperplasia, Lymphoid

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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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_014

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

**SEX:** Male  
**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 Adenoma
Lung	Hepatocytes	Necrosis, Focal
		Alveolar/Bronchiolar Adenoma
	Bronchiole	Lymphocytic Inflammatory Infiltrate
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Skin	Shoulder	Squamous Cell Papilloma
Spleen	Follicles	Hyperplasia, Lymphoid

**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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 2\_015

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

**SEX:** Male  
**DISP:** Natural Death

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

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**OBSERVATIONS**

Kidney		Nephropathy
Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
		Hepatocellular Carcinoma
Lung		Congestion, Acute
Lymph node	Mandibular Lymph Node	Necrosis, Focal

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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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 2\_016

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

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**OBSERVATIONS**

Adrenal gland  
Liver

Capsule  
Hepatocytes  
Hepatocytes  
Hepatocytes

Lung  
Lymph node  
Spleen

Mandibular Lymph Node  
Follicles

Adenoma, Nos  
Cell-Size Alteration  
Degeneration, Nos  
Necrosis, Focal  
Alveolar/Bronchiolar Adenoma  
Hyperplasia, Lymphoid  
Hyperplasia, Lymphoid

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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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 2\_017

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

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**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Kidney	Tubule	Regeneration, Nos
Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
	Hepatocytes	Necrosis, Focal
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type

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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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_018

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Kidney	Tubule	Regeneration, Nos
Liver	Hepatocytes	Cell-Size Alteration
		Clear-Cell Change
	Hepatocytes	Degeneration, Nos
		Hepatocellular Adenoma
	Hepatocytes	Necrosis, Focal
Lung		Alveolar/Bronchiolar Carcinoma
Lymph node	Mesenteric Lymph Node	Hematopoiesis
Skin	Shoulder	Neurofibroma
Thyroid		Follicular-Cell Carcinoma
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_019

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

**SEX:** Male  
**DISP:** Dosing Accident

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

**OBSERVATIONS**

Brain	Hippocampus	Necrosis, Focal
Esophagus	Periesophageal Tissue	Inflammation, Granulomatous Focal Ulcer, Nos
Heart	Myocardium Nos	Inflammation, Acute Focal
Intestine Large	Colon	Parasitism
Kidney	Glomerulus	Embolus, Fat
	Tubule	Necrosis, Focal
Lung	Pleura Nos	Inflammation, Granulomatous Focal
Salivary gland		Necrosis, Focal
Testis		Hyperplasia, Interstitial Cell

**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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 2\_020

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

**SEX:** Male  
**DISP:** Natural Death

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

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**OBSERVATIONS**

Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
	Hepatocytes	Necrosis, Focal
Lung		Hyperplasia, Alveolar Epithelium
		Inflammation, Interstitial
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type

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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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_021

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Kidney		Nephropathy
Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
		Hepatocellular Adenoma
	Hepatocytes	Necrosis, Focal
Lung		Inflammation, Granulomatous Focal
Lymph node	Mesenteric Lymph Node	Angiectasis
	Mesenteric Lymph Node	Hematopoiesis
	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Skin	Back	Inflammation, Chronic Focal
Spleen	Follicles	Hyperplasia, Lymphoid
Stomach	Forestomach	Acanthosis
	Forestomach	Hyperkeratosis

**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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_022

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Epididymis		Inflammation, Chronic Focal
Kidney	Tubule	Regeneration, Nos
Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
		Hepatocellular Adenoma
Lung	Hepatocytes	Necrosis, Focal
		Alveolar/Bronchiolar Adenoma
		Inflammation, Granulomatous Focal
Lymph node	Mesenteric Lymph Node	Hematopoiesis
	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Spleen	Follicles	Hyperplasia, Lymphoid

**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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_023

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Kidney	Tubule	Regeneration, Nos
Liver	Hepatocytes	Cell-Size Alteration
	Bile Duct	Cyst, Multiple
	Hepatocytes	Degeneration, Nos
		Focal Cellular Change
	Hepatocytes	Necrosis, Focal
Lung		Hyperplasia, Alveolar Epithelium
Spleen	Follicles	Hyperplasia, Lymphoid
Testis		Inflammation, Granulomatous Focal
Thyroid		Hyperplasia, Follicular Cell

**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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_024

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
	Medulla	Hyperplasia, Focal
Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
	Hepatocytes	Necrosis, Focal
Lung		Alveolar/Bronchiolar Carcinoma
Preputial gland		Inflammation, Active Chronic
Spleen	Follicles	Hyperplasia, Focal
Thymus	Lymphocytes	Necrosis, Focal

**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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 2\_025

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

**SEX:** Male  
**DISP:** Dosing Accident

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

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**OBSERVATIONS**

Unspecified

Mediastinum Nos  
Mediastinum Nos

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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 2\_026

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

**SEX:** Male  
**DISP:** Dosing Accident

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

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**OBSERVATIONS**

Bone marrow  
Kidney  
Salivary gland

Hyperplasia, Granulocytic  
Pyelonephritis, Acute/Chronic  
Foreign Body, Nos  
Inflammation, Acute/Chronic  
Foreign Body, Nos  
Inflammation, Acute/Chronic

Unspecified  
Mediastinum Nos  
Mediastinum 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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_027

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

**SEX:** Male  
**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 Adenoma
	Hepatocytes	Necrosis, Focal
Lung		Alveolar/Bronchiolar Adenoma
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid

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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_028

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Adrenal gland	Capsule	Adenoma, Nos
Kidney	Tubule	Regeneration, Nos
Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
	Hepatocytes	Necrosis, Focal
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Salivary gland		Hyperplasia, Lymphoid
Spleen	Follicles	Hyperplasia, Focal
Thyroid		Hyperplasia, Follicular Cell

**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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 2\_029

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

**SEX:** Male  
**DISP:** Dosing Accident

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

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**OBSERVATIONS**

Esophagus	Periesophageal Tissue	Foreign Body, Nos
Heart	Myocardium Nos	Inflammation, Acute Focal
Spleen	Red Pulp	Hematopoiesis
Thymus	Cortex	Depletion, Lymphoid
Unspecified	Mediastinum Nos	Foreign Body, Nos
	Multiple Organs Nos	Foreign Body, Nos
		Inflammation, Acute/Chronic

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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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_030

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
	Medulla	Hyperplasia, Focal
	Cortex Nos	Hypertrophy, Focal
Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
	Hepatocytes	Necrosis, Focal
Lung		Hyperplasia, Alveolar Epithelium
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Spleen	Follicles	Hyperplasia, Lymphoid
Unspecified	Shoulder	Fibrosarcoma

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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 2\_031

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

**SEX:** Male  
**DISP:** Dosing Accident

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

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**OBSERVATIONS**

Esophagus	Periesophageal Tissue
	Periesophageal Tissue
Kidney	
Thymus	Cortex

Foreign Body, Nos
Inflammation, Acute/Chronic
Inflammation, Interstitial
Depletion, 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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 2\_032

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

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**OBSERVATIONS**

Kidney		Nephropathy
Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
		Hepatocellular Carcinoma
Lung	Hepatocytes	Necrosis, Focal
		Alveolar/Bronchiolar Carcinoma
		Aspiration, Foreign Body
		Hyperplasia, Alveolar Epithelium
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type

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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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 2\_033

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

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**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Epididymis		Hyperplasia, Lymphoid
Kidney		Nephropathy
Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
	Hepatocytes	Necrosis, Focal
Lung		Hemorrhage
Spleen	Follicles	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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_034

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Bone marrow		Hyperplasia, Granulocytic
Kidney	Tubule	Hyperplasia, Epithelial
Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
		Hepatocellular Adenoma
	Hepatocytes	Necrosis, Focal
Lung		Alveolar/Bronchiolar Adenoma
Lymph node	Inguinal Lymph Node	Hyperplasia, Lymphoid
	Mandibular Lymph Node	Inflammation, Granulomatous Focal

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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_035

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Adrenal gland	Medulla	Pheochromocytoma
Kidney		Nephropathy
Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
		Hepatocellular Carcinoma
	Hepatocytes	Necrosis, Focal
Lung		Hepatocellular Carcinoma, Metastatic
Lymph node	Mesenteric Lymph Node	Angiectasis
	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Skin	Back	Hyperkeratosis
Spleen	Red Pulp	Hematopoiesis
Thyroid		Cyst, Follicular Nos

**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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_036

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

**SEX:** Male  
**DISP:** Moribund Sacrifice

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Kidney		Nephropathy
Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
		Hepatocellular Carcinoma
	Bile Duct	Hyperplasia, Focal
		Necrosis, Coagulative
	Hepatocytes	Necrosis, Focal
Lung		Congestion, Acute
Seminal vesicle		Retention Fluid
Spleen	Red Pulp	Hematopoiesis

**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:** 13:58:27

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

**Lab:** NA

---

**ANIMAL ID:** 2\_037

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 300.0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Brain		Necrosis, Focal
Esophagus	Periesophageal Tissue	Foreign Body, Nos
	Periesophageal Tissue	Inflammation, Acute/Chronic
Lung	Pleura Nos	Inflammation, Acute/Chronic
Salivary gland		Degeneration, Nos
Spleen	Follicles	Necrosis, Focal
Thymus	Cortex	Degeneration, Nos
	Cortex	Depletion, 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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_038

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

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**OBSERVATIONS**

Liver	Hepatocytes Hepatocytes	Cell-Size Alteration Degeneration, Nos Hepatocellular Carcinoma
Lung	Hepatocytes	Necrosis, Focal Alveolar/Bronchiolar Adenoma Hyperplasia, Alveolar Epithelium
Spleen	Follicles	Hyperplasia, 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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_039

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

**SEX:** Male  
**DISP:** Natural Death

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hemorrhage
Kidney		Nephropathy
Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
		Hepatocellular Carcinoma
	Hepatocytes	Necrosis, Focal
Lung		Aspiration, Foreign Body
		Congestion, Acute
Lymph node	Mandibular Lymph Node	Depletion, Lymphoid
Spleen	Red Pulp	Hematopoiesis
Unspecified	Mediastinum Nos	Inflammation, Active Chronic

**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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_040

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

**SEX:** Male  
**DISP:** Moribund Sacrifice

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

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**OBSERVATIONS**

Bone	Knee Joint Nos	Ankylosing Spondylitis
Liver	Hepatocytes	Cell-Size Alteration
Prostate	Periprostatic Tissue	Inflammation, Active Chronic
	Periprostatic Tissue	Thrombophlebitis
Unspecified	Thorax	Fibrosarcoma

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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:** 13:58:27

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

**Lab:** NA

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**ANIMAL ID:** 2\_041

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 300.0 MG/KG

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Prostate

Inflammation, Acute Focal

Thymus

Lymphocytes

Necrosis, Diffuse

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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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_042

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

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**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Kidney	Tubule	Regeneration, Nos
Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
	Hepatocytes	Necrosis, Focal
Lung	Bronchiole	Lymphocytic Inflammatory Infiltrate
Spleen	Red Pulp	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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_043

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hypertrophy, Focal
Kidney		Nephropathy
Liver	Hepatocytes	Cell-Size Alteration
		Cytoplasmic Change, Basophilic
	Hepatocytes	Degeneration, Nos
		Hemangiosarcoma, Uncertain Primary Or Metastatic
	Hepatocytes	Necrosis, Focal
Lung		Alveolar/Bronchiolar Adenoma
Lymph node	Mesenteric Lymph Node	Angiectasis
	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Seminal vesicle		Retention Fluid
Spleen	Red Pulp	Hemangiosarcoma

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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_044

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

**SEX:** Male  
**DISP:** Natural Death

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

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**OBSERVATIONS**

Kidney	Tubule	Regeneration, Nos
Liver		Hemangiosarcoma
		Hepatocellular Carcinoma
		Necrosis, Coagulative
Lung		Aspiration, Foreign Body
Spleen	Red Pulp	Hematopoiesis
Thyroid		Follicular-Cell Adenoma

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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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 2\_045

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

**SEX:** Male  
**DISP:** Moribund Sacrifice

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

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**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Nos
Kidney	Cortex	Infarct, Focal
		Nephropathy
Liver	Hepatocytes	Cell-Size Alteration
		Hepatocellular Carcinoma
Lung		Hepatocellular Carcinoma, Metastatic
Spleen	Red Pulp	Hematopoiesis

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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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_046

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Kidney		Nephropathy
Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
		Hemangiosarcoma
		Hepatocellular Adenoma
	Hepatocytes	Necrosis, Focal
Lung		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Angiectasis
	Mesenteric Lymph Node	Hematopoiesis
	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Preputial gland		Inflammation, Active Chronic
Spleen	Follicles	Hyperplasia, Lymphoid

**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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 2\_047

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

**SEX:** Male  
**DISP:** Dosing Accident

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

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**OBSERVATIONS**

Esophagus	Periesophageal Tissue
	Periesophageal Tissue
Lung	
Spleen	Follicles
Thymus	Lymphocytes

Foreign Body, Nos  
Inflammation, Acute/Chronic  
Congestion, Nos  
Degeneration, Nos  
Degeneration, Nos  
Depletion, 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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_048

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

**SEX:** Male  
**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 Adenoma
Lung	Hepatocytes	Necrosis, Focal
Spleen	Follicles	Alveolar/Bronchiolar Adenoma
		Hyperplasia, Lymphoid

**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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_049

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 300.0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Kidney

Medulla  
Cortex

Liver

Pheochromocytoma  
Cyst, Nos  
Nephropathy  
Hepatocellular Adenoma  
Hepatocellular Carcinoma  
Alveolar/Bronchiolar Carcinoma  
Hepatocellular Carcinoma, Metastatic  
Lymphoma, Histiocytic-Malignant Type

Lung

Unspecified

Multiple Organs 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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_050

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

**SEX:** Male  
**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
	Hepatocytes	Necrosis, Focal
Lung		Hyperplasia, Alveolar Epithelium
Lymph node	Mesenteric Lymph Node	Angiectasis
	Mandibular Lymph Node	Hyperplasia, Lymphoid
	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Pancreas	Islets	Hyperplasia, Focal
Spleen	Follicles	Hyperplasia, Lymphoid
Unspecified	Back	Fibrosis, Multifocal

**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:** 13:58:27

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

**Lab:** NA

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**ANIMAL ID:** 3\_001

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

**SEX:** Male  
**DISP:** Natural Death

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

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**OBSERVATIONS**

Kidney		Mineralization
Lung		Inflammation, Interstitial
Prostate		Inflammation, Acute Focal
Spleen		Depletion, Lymphoid
Thymus	Cortex	Depletion, Lymphoid
Urinary bladder		Inflammation, Acute Focal

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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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_002

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

**SEX:** Male  
**DISP:** Moribund Sacrifice

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

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**OBSERVATIONS**

Bone marrow		Hyperplasia, Granulocytic
Pancreas	Islets	Hyperplasia, Focal
Peritoneum	Parietal Peritoneum	Inflammation, Active Chronic
Trachea	Peritracheal Tissue	Hemorrhage
Unspecified	Abdomen	Inflammation, Active Chronic
	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type

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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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_003

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Eye		Phthisis Bulbi
Harderian gland	Harderian Gland	Adenoma, Nos
Kidney	Tubule	Regeneration, Nos
Lymph node	Mesenteric Lymph Node	Hematopoiesis
	Mandibular Lymph Node	Hyperplasia, Lymphoid
	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Spleen	Follicles	Hyperplasia, Focal
Thyroid		Hyperplasia, Follicular Cell

**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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_004

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

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**OBSERVATIONS**

Bone marrow		Hyperplasia, Granulocytic
Kidney	Tubule	Regeneration, Nos
Lung		Perivasculitis
Lymph node	Mandibular Lymph Node	Plasmacytosis
Skin	Neck	Wound, Nos
Spleen	Follicles	Hyperplasia, Lymphoid
Stomach	Forestomach	Hyperplasia, Epithelial

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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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_005

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

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**OBSERVATIONS**

Kidney	Tubule	Regeneration, Nos
Liver		Hepatocellular Adenoma
Lymph node	Mesenteric Lymph Node	Angiectasis
	Mesenteric Lymph Node	Hematopoiesis
	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Spleen	Follicles	Hyperplasia, Lymphoid
Stomach	Forestomach	Hyperplasia, Epithelial

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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:** 13:58:27

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

**Lab:** NA

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**ANIMAL ID:** 3\_006

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

**SEX:** Male  
**DISP:** Natural Death

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

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**OBSERVATIONS**

Spleen  
Unspecified

Red Pulp  
Trunk

Hematopoiesis  
Fibrosarcoma

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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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_007

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

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**OBSERVATIONS**

Kidney	Tubule	Regeneration, Nos
Lung		Alveolar/Bronchiolar Adenoma
Lymph node	Mesenteric Lymph Node	Hematopoiesis
Spleen	Follicles	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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_008

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

**SEX:** Male  
**DISP:** Natural Death

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

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**OBSERVATIONS**

Adrenal gland  
Liver  
Lung

Cortex Nos

Hypertrophy, Focal  
Hepatocellular Carcinoma  
Alveolar/Bronchiolar Adenoma  
Hepatocellular Carcinoma, Metastatic

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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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_009

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

**SEX:** Male  
**DISP:** Natural Death

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

---

**OBSERVATIONS**

Liver Hepatocellular Carcinoma

---

**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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_010

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

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**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Kidney	Tubule	Regeneration, Nos
Lung	Bronchiole	Lymphocytic Inflammatory Infiltrate
Spleen	Follicles	Hyperplasia, Lymphoid
Thyroid		Cyst, Follicular Nos
Unspecified	Back	Fibrosis, Multifocal

---

**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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_011

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

---

**OBSERVATIONS**

Kidney  
Lymph node  
Preputial gland  
Spleen

Tubule  
Mandibular Lymph Node

Regeneration, Nos  
Plasmacytosis  
Dilatation, Ducts  
Hyperplasia, Lymphoid

---

**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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_012

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

---

**OBSERVATIONS**

Adrenal gland  
Epididymis  
Kidney  
Lung  
Urinary bladder

Capsule  
  
Tubule

Hyperplasia, Focal  
Inflammation, Chronic Focal  
Regeneration, Nos  
Hemorrhage  
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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_013

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

---

**OBSERVATIONS**

Ductus deferens  
Kidney  
Liver  
Lymph node  
  
Pancreas  
Preputial gland

Vas Deferens Nos  
Tubule  
  
Mesenteric Lymph Node  
Mandibular Lymph Node  
Islets

Inflammation, Acute/Chronic  
Regeneration, Nos  
Hepatocellular Carcinoma  
Inflammation, Granulomatous Focal  
Plasmacytosis  
Hyperplasia, Focal  
Inflammation, Chronic Suppurative

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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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_014

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Blood vessel	Sup.Panc-Duod.Artery	Periarteritis
Bone marrow		Hemangiosarcoma
Lung		Alveolar/Bronchiolar Adenoma
	Bronchiole	Hyperplasia, Lymphoid
Lymph node	Mandibular Lymph Node	Hemorrhage
Spleen		Hemangiosarcoma
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type

**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:** 13:58:27

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

**Lab:** NA

---

**ANIMAL ID:** 3\_015

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Liver

Lung

Seminal vesicle

Urinary bladder

Hepatocytes

Submucosa

Nephropathy

Hepatocellular Carcinoma

Inflammation, Acute Focal

Necrosis, Focal

Hyperplasia, Alveolar Epithelium

Hyperplasia, Epithelial

Retention Fluid

Congestion, 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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_016

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

**SEX:** Male  
**DISP:** Moribund Sacrifice

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Epididymis		Inflammation, Acute/Chronic
Gall bladder		Hyperplasia, Epithelial
Intestine Small	Lumen, Jejunum	Hemorrhage
Kidney	Tubule	Regeneration, Nos
Liver		Hemangiosarcoma
		Necrosis, Coagulative
Lung		Inflammation, Interstitial
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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_017

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

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**OBSERVATIONS**

Liver		Hemangiosarcoma
		Hepatocellular Carcinoma
Lung	Bronchiole	Lymphocytic Inflammatory Infiltrate
Pancreas	Islets	Hyperplasia, Focal
Spleen	Red Pulp	Hematopoiesis
Stomach	Forestomach	Acanthosis
	Forestomach	Hyperkeratosis

---

**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:** 13:58:27

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

**Lab:** NA

---

**ANIMAL ID:** 3\_018

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

---

**OBSERVATIONS**

Kidney	Tubule	Regeneration, Nos
Lung	Bronchiole	Lymphocytic Inflammatory Infiltrate
Skin	Shoulder	Fibrosis, Multifocal
Spleen	Follicles	Hyperplasia, Lymphoid

---

**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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_019

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

**SEX:** Male  
**DISP:** Natural Death

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

---

**OBSERVATIONS**

Liver  
Lung

Hepatocellular Carcinoma  
Alveolar/Bronchiolar Adenoma  
Hepatocellular Carcinoma, Metastatic

---

**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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_020

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

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**OBSERVATIONS**

Adrenal gland  
Intestine Small  
Kidney  
Liver  
Lung  
Spleen

Medulla  
Ileum, Ileum  
Tubule

Hyperplasia, Focal  
Inflammation, Acute Focal  
Regeneration, Nos  
Hepatocellular Carcinoma  
Hepatocellular Carcinoma, Metastatic  
Lymphoma, Mixed-Malignant Type

---

**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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_021

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

---

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Focal
Pancreas		Inflammation, Acute/Chronic
Skin	Dermis	Fibrosis, Multifocal
	Back	Ulcer, Nos
Spleen	Follicles	Hyperplasia, Lymphoid

---

**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:** 13:58:27

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

**Lab:** NA

---

**ANIMAL ID:** 3\_022

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Capsule

Hyperplasia, Focal

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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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_023

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

**SEX:** Male  
**DISP:** Accidentally Killed

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

---

**OBSERVATIONS**

Esophagus	Periesophageal Tissue	Foreign Body, Nos
	Periesophageal Tissue	Inflammation, Acute/Chronic
Lung		Congestion, Nos
Testis		Atrophy, Nos
	Tubule	Degeneration, Nos
Unspecified	Mediastinum Nos	Foreign Body, Nos
	Mediastinum Nos	Inflammation, Acute/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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_024

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

**SEX:** Male  
**DISP:** Moribund Sacrifice

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

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**OBSERVATIONS**

Bone marrow		Hyperplasia, Granulocytic
Kidney	Tubule	Regeneration, Nos
Liver		Hepatocellular Adenoma
Spleen	Follicles	Hyperplasia, Lymphoid
Unspecified	Shoulder	Fibrosarcoma

---

**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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_025

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

**SEX:** Male  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Bone marrow		Hyperplasia, Granulocytic
Liver		Hepatocellular Adenoma
Spleen	Red Pulp	Hematopoiesis
Unspecified	Thorax	Fibrosarcoma

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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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_026

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

**SEX:** Male  
**DISP:** Natural Death

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

---

**OBSERVATIONS**

Liver

Hemorrhage  
Hepatocellular Carcinoma  
Lymphoma, Mixed-Malignant Type

Unspecified

Multiple Organs 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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_027

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

---

**OBSERVATIONS**

Kidney  
Unspecified

Tubule  
Leg  
Multiple Organs Nos

Regeneration, Nos  
Fibrosarcoma  
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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_028

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

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**OBSERVATIONS**

Liver		Hepatocellular Carcinoma
Lung	Bronchiole	Lymphocytic Inflammatory Infiltrate
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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_029

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

**SEX:** Male  
**DISP:** Natural Death

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

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**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Bone marrow		Hyperplasia, Granulocytic
Esophagus	Periesophageal Tissue	Hemorrhage
Lung		Inflammation, Interstitial
Thymus	Cortex	Depletion, Lymphoid

---

**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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_030

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Kidney		Nephropathy
Liver		Hepatocellular Adenoma Hepatocellular Carcinoma
Lung		Inflammation, Interstitial Lymphocytic Inflammatory Infiltrate
Lymph node	Mesenteric Lymph Node Mesenteric Lymph Node	Angiectasis Hematopoiesis
Pancreas		Cystic Ducts
Skin	Back Back Back	Acanthosis Hyperkeratosis Inflammation, Active Chronic
Stomach	Forestomach Glandular Stomach Forestomach	Acanthosis Dysplasia, Nos Hyperkeratosis

**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:** 13:58:27

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

**Lab:** NA

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**ANIMAL ID:** 3\_031

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

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**OBSERVATIONS**

Adrenal gland  
Kidney  
Unspecified

Capsule  
Tubule  
Multiple Organs Nos

Hyperplasia, Focal  
Regeneration, 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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_032

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

**SEX:** Male  
**DISP:** Accidentally Killed

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

---

**OBSERVATIONS**

Lung  
Thymus  
Unspecified

Cortex  
Mediastinum Nos  
Mediastinum Nos

Congestion, Nos  
Depletion, Lymphoid  
Foreign Body, Nos  
Inflammation, Acute/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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_033

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

**SEX:** Male  
**DISP:** Dosing Accident

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

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**OBSERVATIONS**

Lung		Inflammation, Interstitial
Thymus	Cortex	Depletion, Lymphoid
Trachea	Peritracheal Tissue	Foreign Body, Nos
	Peritracheal Tissue	Inflammation, Acute Diffuse
Unspecified	Mediastinum Nos	Foreign Body, Nos
	Mediastinum Nos	Inflammation, Acute Diffuse

---

**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:** 13:58:27

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

**Lab:** NA

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**ANIMAL ID:** 3\_034

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Kidney

Tubule

Regeneration, Nos

Liver

Focal Cellular Change

Spleen

Follicles

Hyperplasia, Lymphoid

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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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_035

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

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**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver

Capsule  
Tubule

Hyperplasia, Focal  
Regeneration, Nos  
Hemangiosarcoma  
Hepatocellular Adenoma  
Hepatocellular Carcinoma  
Hyperplasia, Lymphoid

Spleen

Follicles

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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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_036

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Bone marrow		Hyperplasia, Granulocytic
Harderian gland	Harderian Gland	Adenoma, Nos
Kidney	Tubule	Regeneration, Nos
Lung		Congestion, Acute
Lymph node	Mesenteric Lymph Node	Angiectasis
	Mesenteric Lymph Node	Hematopoiesis
	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Spleen	Red Pulp	Hematopoiesis
Unspecified	Back	Fibrosarcoma
	Leg	Fibrosarcoma

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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_037

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Bone marrow		Hyperplasia, Granulocytic
Kidney	Tubule	Regeneration, Nos
Lung		Alveolar/Bronchiolar Adenoma
Lymph node	Mesenteric Lymph Node	Angiectasis
	Mesenteric Lymph Node	Hematopoiesis
	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Stomach	Forestomach	Acanthosis
	Forestomach	Hyperkeratosis
Unspecified	Thorax	Fibrosarcoma
	Groin	Inflammation, Granulomatous 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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_038

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

**SEX:** Male  
**DISP:** Moribund Sacrifice

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

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**OBSERVATIONS**

Adrenal gland	Cortex Nos Capsule	Cyst, Nos Hyperplasia, Focal
Bone marrow		Hyperplasia, Granulocytic
Kidney	Tubule	Regeneration, Nos
Lung		Fibrosarcoma, Metastatic
Pancreas	Islets	Hyperplasia, Focal
Skin	Abdomen	Parasitism
Spleen	Red Pulp	Hematopoiesis
Unspecified	Thorax	Fibrosarcoma

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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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_039

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

**SEX:** Male  
**DISP:** Natural Death

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

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**OBSERVATIONS**

Liver		Hepatocellular Carcinoma
Lung		Inflammation, Interstitial
Skin		Parasitism
Spleen	Red Pulp	Hematopoiesis

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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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_040

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Kidney	Tubule	Regeneration, Nos
Liver		Focal Cellular Change
Lymph node	Mesenteric Lymph Node	Angiectasis
	Mesenteric Lymph Node	Hematopoiesis
	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Spleen	Follicles	Hyperplasia, Lymphoid
Unspecified	Shoulder	Fibrosarcoma

**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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_041

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

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**OBSERVATIONS**

Kidney		Nephropathy
Lymph node	Mesenteric Lymph Node	Angiectasis
	Mesenteric Lymph Node	Hematopoiesis
Preputial gland		Inflammation, Active Chronic
Prostate	Periprostatic Tissue	Inflammation, Acute Focal
Skin	Scrotum	Squamous Cell Papilloma
Urinary bladder	Muscularis	Inflammation, Acute Focal

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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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_042

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos Capsule	Clear-Cell Change Hyperplasia, Focal
Heart	Myocardium Nos	Metamorphosis, Fatty
Kidney	Cortex Tubule	Cyst, Nos Regeneration, Nos
Lung	Mucous Gland	Dilatation, Nos
Pancreas	Islets	Hyperplasia, Focal
Peritoneum	Parietal Peritoneum	Inflammation, Acute/Chronic
Spleen	Follicles	Hyperplasia, Lymphoid
Testis	Tunica Vaginalis	Mesothelioma, Nos
Thyroid		Follicular-Cell Adenoma

**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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_043

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

**SEX:** Male  
**DISP:** Moribund Sacrifice

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

**OBSERVATIONS**

Bone marrow		Hyperplasia, Granulocytic
Intestine Small	Mesentery Nos	Thrombosis, Nos
Kidney	Tubule	Regeneration, Nos
Liver		Necrosis, Coagulative
Lung		Fibrosarcoma, Metastatic
Lymph node	Mesenteric Lymph Node	Angiectasis
	Mesenteric Lymph Node	Hematopoiesis
Preputial gland		Cyst, Nos
Spleen	Red Pulp	Hematopoiesis
Unspecified	Back	Fibrosarcoma

**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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_044

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Kidney	Tubule	Regeneration, Nos
Liver		Clear-Cell Change
Skeletal muscle		Degeneration, Nos
Skin	Back	Acanthosis
	Abdomen	Hyperkeratosis
	Back	Hyperkeratosis
	Back	Inflammation, Chronic Focal
Thymus		Depletion, Lymphoid

**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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_045

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

**SEX:** Male  
**DISP:** Moribund Sacrifice

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

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**OBSERVATIONS**

Kidney	Tubule	Regeneration, Nos
Lung		Inflammation, Interstitial
Spleen	Red Pulp	Hematopoiesis
Unspecified	Multiple Organs Nos	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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_046

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

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**OBSERVATIONS**

Kidney  
Unspecified

Multiple Organs Nos

Nephropathy  
Inflammation, Active 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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_047

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

**SEX:** Male  
**DISP:** Natural Death

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

---

**OBSERVATIONS**

Epididymis  
Peritoneum  
Unspecified

Multiple Organs Nos

Dilatation, Nos  
Inflammation, Active Chronic  
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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_048

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

**SEX:** Male  
**DISP:** Moribund Sacrifice

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

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**OBSERVATIONS**

Liver		Focal Cellular Change Necrosis, Coagulative
Lymph node	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
Pancreas	Islets	Hyperplasia, Focal
Seminal vesicle		Retention Fluid
Stomach	Glandular Stomach	Erosion
Unspecified	Neck	Fibroma
	Multiple Organs Nos	Hemangiosarcoma

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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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_049

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

**SEX:** Male  
**DISP:** Moribund Sacrifice

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

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**OBSERVATIONS**

Kidney		Nephropathy
Liver		Hepatocellular Carcinoma
Lung		Hepatocellular Carcinoma, Metastatic
Lymph node	Mesenteric Lymph Node	Angiectasis
	Mesenteric Lymph Node	Hematopoiesis
	Mandibular Lymph Node	Inflammation, Granulomatous Focal

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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:** 13:58:27  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_050

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

**SEX:** Male  
**DISP:** Moribund Sacrifice

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

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**OBSERVATIONS**

Kidney		Nephropathy
Liver		Hepatocellular Carcinoma
		Necrosis, Coagulative
Lung		Alveolar/Bronchiolar Adenoma
Prostate	Periprostatic Tissue	Inflammation, Acute Diffuse
Spleen	Red Pulp	Hematopoiesis
Thyroid		Cyst, Follicular Nos

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**PRIMARY CAUSE OF DEATH**

-

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