

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

<b>C Number:</b>	C55265
<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:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_501

**TRT#:** 1  
**DOSE:** 050.0 MG/KG

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

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

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**OBSERVATIONS**

Blood vessel	Artery Nos	Inflammation, Acute/Chronic
Bone	Tarsal Joint	Hyperostosis
	Tarsal Joint	Metaplasia, Osseous
Spleen	Follicles	Depletion, Lymphoid
Thymus	Lymphocytes	Necrosis, Diffuse
Urinary bladder		Inflammation, Acute/Chronic

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_503

**TRT#:** 1  
**DOSE:** 050.0 MG/KG

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

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

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**OBSERVATIONS**

Adrenal gland	Cortex Nos	Degeneration, Lipoid
	Capsule	Hyperplasia, Focal
Intestine Large	Rectum	Parasitism
Kidney		Nephropathy
Liver		Hepatocellular Adenoma
Pancreas	Acinus	Atrophy, Focal
Salivary gland		Atrophy, Focal

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_504

**TRT#:** 1  
**DOSE:** 050.0 MG/KG

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

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

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**OBSERVATIONS**

Adrenal gland  
Lung  
Prostate  
Thymus

Capsule  
  
Lymphocytes

Hyperplasia, Focal  
Inflammation, Acute Focal  
Inflammation, Acute Focal  
Necrosis, Focal

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_505

**TRT#:** 1  
**DOSE:** 050.0 MG/KG

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

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

**OBSERVATIONS**

Adrenal gland  
Penis

Capsule

Hyperplasia, Focal  
Inflammation, Acute Necrotizing

Prostate  
Seminal vesicle  
Skin

Prepuce Nos

Inflammation, Chronic Focal  
Inflammation, Acute/Chronic  
Retention Fluid  
Ulcer, Nos

Back

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_506

**TRT#:** 1  
**DOSE:** 050.0 MG/KG

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

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

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**OBSERVATIONS**

Adrenal gland	Capsule	Adenoma, Nos
	Cortex Nos	Hypertrophy, Focal
Bone	Tarsal Joint	Hyperostosis
	Tarsal Joint	Metaplasia, Osseous
Kidney	Tubule	Regeneration, Nos
Thyroid		Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_508

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 050.0 MG/KG

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Capsule

Hyperplasia, Focal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_509

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 050.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver

Capsule

Hyperplasia, Focal  
Nephropathy  
Hepatocellular Carcinoma

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_510

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 050.0 MG/KG

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Bone marrow		Hyperplasia, Granulocytic
Kidney		Pyelonephritis, Acute
Lymph node	Mandibular Lymph Node	Hemorrhage
Prostate		Inflammation, Acute/Chronic
Seminal vesicle		Retention Fluid
Spleen	Follicles	Depletion, Lymphoid
Thymus		Depletion, Lymphoid
Urinary bladder		Inflammation, Acute/Chronic

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_511

**TRT#:** 1  
**DOSE:** 050.0 MG/KG

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

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

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**OBSERVATIONS**

Prostate  
Spleen  
Thymus  
Urinary bladder

Follicles  
Lymphocytes

Inflammation, Acute/Chronic  
Depletion, Lymphoid  
Necrosis, Diffuse  
Dilatation, Nos

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_512

**TRT#:** 1  
**DOSE:** 050.0 MG/KG

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

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

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**OBSERVATIONS**

Adrenal gland	Cortex Nos	Degeneration, Lipoid
	Capsule	Hyperplasia, Focal
Harderian gland	Hardarian Gland	Adenoma, Nos
Kidney	Tubule	Regeneration, Nos
Lymph node	Mesenteric Lymph Node	Hematopoiesis
Preputial gland		Atrophy, Focal
		Inflammation, Acute/Chronic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_513

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 050.0 MG/KG

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Bone marrow		Hyperplasia, Granulocytic
Brain	Meninges	Inflammation, Acute Focal
Kidney		Glomerulonephritis, Subacute
Spleen	Follicles	Depletion, Lymphoid
	Red Pulp	Hematopoiesis
Unspecified	Leg	Abscess, Nos
	Multiple Organs Nos	Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_514

**TRT#:** 1  
**DOSE:** 050.0 MG/KG

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

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

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**OBSERVATIONS**

Gall bladder		Inflammation, Acute/Chronic
Liver		Necrosis, Focal
Spleen	Follicles	Depletion, Lymphoid
Thymus		Depletion, Lymphoid
Urinary bladder		Dilatation, Nos

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_515

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 050.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
	Cortex Nos	Hypertrophy, Focal
Bone	Tarsal Joint	Hyperostosis
	Tarsal Joint	Metaplasia, Osseous
Kidney	Tubule	Regeneration, Nos
Liver	Hepatocytes	Cytoplasmic Vacuolization
Lung		Hyperplasia, Epithelial
Pancreas	Acinus	Atrophy, Focal
Preputial gland		Inflammation, Acute/Chronic
Unspecified	Abdomen	Fibrosis, Focal

**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_516

**TRT#:** 1  
**DOSE:** 050.0 MG/KG

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

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

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**OBSERVATIONS**

Kidney  
Spleen

Follicles  
Red Pulp

Nephrosis, Hydro  
Depletion, Lymphoid  
Hematopoiesis  
Dilatation, Nos

Urinary bladder

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_517

**TRT#:** 1  
**DOSE:** 050.0 MG/KG

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

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

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**OBSERVATIONS**

Esophagus		Wound, Lacerated
Heart	Pericardial Cavity	Foreign Body, Nos
Thymus	Lymphocytes	Necrosis, Diffuse
Unspecified	Mediastinum Nos	Foreign Body, Nos

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_519

**TRT#:** 1  
**DOSE:** 050.0 MG/KG

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

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

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**OBSERVATIONS**

Lung  
Unspecified

Subpleural Tissue  
Mediastinum Nos

Inflammation, Acute Focal  
Foreign Body, Nos

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_520

**TRT#:** 1  
**DOSE:** 050.0 MG/KG

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

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

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**OBSERVATIONS**

Adrenal gland  
Lymph node  
Pancreas  
Unspecified  
Urinary bladder

Capsule  
Mesenteric Lymph Node  
Acinus  
Multiple Organs Nos

Adenoma, Nos  
Hematopoiesis  
Focal Cellular Change  
Lymphoma, Lymphocytic-Malignant Type  
Hyperplasia, Epithelial

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_521

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 050.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Capsule

Hyperplasia, Focal

Kidney

Tubule

Regeneration, Nos

Liver

Torsion

Lymph node

Mesenteric Lymph Node

Hematopoiesis

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_522

**TRT#:** 1  
**DOSE:** 050.0 MG/KG

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

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

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**OBSERVATIONS**

Thymus	Lymphocytes
Trachea	Peritracheal Tissue
Unspecified	Mediastinum Nos
	Mediastinum Nos

Necrosis, Diffuse
Hemorrhage
Hemorrhage
Inflammation, Acute Focal

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_523

**TRT#:** 1  
**DOSE:** 050.0 MG/KG

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

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

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**OBSERVATIONS**

Esophagus		Wound, Lacerated
Thymus	Lymphocytes	Necrosis, Diffuse
Unspecified	Mediastinum Nos	Foreign Body, Nos

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_524

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 050.0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Medulla	Hyperplasia, Focal
Bone marrow		Histiocytosis
Brain	Meninges	Lymphocytic Inflammatory Infiltrate
Harderian gland	Hardarian Gland	Hyperplasia, Epithelial
Kidney		Nephrosis, Hydro
	Tubule	Regeneration, Nos
Skeletal muscle	Abdominal Muscle	Mineralization
Spleen	Red Pulp	Hematopoiesis
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
		Sarcoma, Nos
Urinary bladder		Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_525

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 050.0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Bone marrow		Hyperplasia, Granulocytic
Liver		Hematopoiesis
Lymph node	Mesenteric Lymph Node	Hematopoiesis
Spleen	Follicles	Depletion, Lymphoid
	Red Pulp	Hematopoiesis
Unspecified	Back	Fibrosarcoma
	Abdomen	Inflammation, Chronic Focal
Urinary bladder		Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_526

**TRT#:** 1  
**DOSE:** 050.0 MG/KG

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

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

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**OBSERVATIONS**

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Hepatocellular Carcinoma
		Necrosis, Focal
Lung		Hepatocellular Carcinoma, Metastatic
Spleen	Follicles	Depletion, Lymphoid
	Red Pulp	Hematopoiesis

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_527

**TRT#:** 1  
**DOSE:** 050.0 MG/KG

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

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

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**OBSERVATIONS**

Esophagus	Periesophageal Tissue	Inflammation, Acute Focal
Skin	Abdomen	Acanthosis
	Abdomen	Hyperkeratosis
Spleen	Follicles	Depletion, Lymphoid
Thymus	Lymphocytes	Necrosis, Diffuse
Unspecified	Mediastinum Nos	Inflammation, Acute Focal

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_528

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 050.0 MG/KG

**DISP:** Dosing Accident

**HISTO:**

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**OBSERVATIONS**

Esophagus  
Spleen  
Unspecified

Follicles  
Mediastinum Nos  
Mediastinum Nos

Wound, Lacerated  
Depletion, Lymphoid  
Foreign Body, Nos  
Inflammation, Acute Focal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_529

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 050.0 MG/KG

**DISP:** Dosing Accident

**HISTO:**

---

**OBSERVATIONS**

Esophagus

Periesophageal Tissue

Inflammation, Acute Focal  
Wound, Lacerated

Spleen

Follicles

Depletion, Lymphoid

Thymus

Lymphocytes

Necrosis, Diffuse

Unspecified

Mediastinum Nos

Inflammation, Acute Focal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_530

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 050.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Capsule

Hyperplasia, Focal

Cortex Nos

Hypertrophy, Focal

Bone marrow

Fibrosis, Myelo

Kidney

Tubule

Regeneration, Nos

Liver

Hepatocytes

Cytoplasmic Vacuolization

Stomach

Glandular Stomach

Dysplasia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_531

**TRT#:** 1  
**DOSE:** 050.0 MG/KG

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

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

---

**OBSERVATIONS**

Kidney	Tubule	Regeneration, Nos
Liver	Hepatocytes	Cytoplasmic Vacuolization

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_532

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 050.0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Capsule

Hyperplasia, Focal

Medulla

Hyperplasia, Focal

Bone marrow

Hyperplasia, Granulocytic

Kidney

Tubule

Regeneration, Nos

Prostate

Inflammation, Acute/Chronic

Spleen

Red Pulp

Hematopoiesis

Thymus

Depletion, Lymphoid

Unspecified

Groin

Fibrosarcoma

---

PRIMARY CAUSE OF DEATH

-

---

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_533

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 050.0 MG/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Testis

Degeneration, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_534

**TRT#:** 1  
**DOSE:** 050.0 MG/KG

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Bone	Tarsal Joint	Hyperostosis
	Tarsal Joint	Metaplasia, Osseous
Heart	Myocardium Nos	Inflammation, Acute/Chronic
Liver		Hepatocellular Adenoma
		Necrosis, Focal
Seminal vesicle		Inflammation, Chronic Focal
		Retention Fluid
Spleen	Red Pulp	Hematopoiesis
Thymus		Depletion, Lymphoid
Unspecified	Back	Fibrosarcoma

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_535

**TRT#:** 1  
**DOSE:** 050.0 MG/KG

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Degeneration, Lipoid
	Capsule	Hyperplasia, Focal
Bone	Tarsal Joint	Hyperostosis
Bone marrow		Hyperplasia, Granulocytic
Liver		Hemangiosarcoma
Lymph node	Lumbar Lymph Node	Histiocytosis
Spleen	Red Pulp	Hematopoiesis
Thymus		Depletion, Lymphoid
Unspecified	Hip	Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_536

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 050.0 MG/KG

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Prostate

Inflammation, Acute/Chronic

Spleen

Follicles

Depletion, Lymphoid

Thymus

Lymphocytes

Depletion, Lymphoid

Urinary bladder

Necrosis, Diffuse

Dilatation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_537

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 050.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
	Medulla	Hyperplasia, Focal
Bone	Tarsal Joint	Hyperostosis
	Tarsal Joint	Metaplasia, Osseous
Epididymis		Inflammation, Chronic Focal
Kidney	Tubule	Regeneration, Nos
Lung		Hyperplasia, Epithelial
Spleen	Red Pulp	Angiectasis
	Red Pulp	Fibrosis, Multifocal

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_538

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 050.0 MG/KG

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Kidney		Pyelonephritis, Acute
Liver		Hepatocellular Carcinoma Necrosis, Focal
Lung		Hepatocellular Carcinoma, Metastatic
Prostate		Inflammation, Acute/Chronic
Seminal vesicle		Retention Fluid
Spleen	Follicles	Depletion, Lymphoid
Thymus		Depletion, Lymphoid
Urinary bladder		Inflammation, Acute/Chronic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_539

**TRT#:** 1  
**DOSE:** 050.0 MG/KG

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

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

**OBSERVATIONS**

Bone marrow		Hyperplasia, Granulocytic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Fibrosarcoma, Metastatic
Liver		Hepatocellular Carcinoma
		Necrosis, Focal
Spleen	Red Pulp	Hematopoiesis
Thymus		Depletion, Lymphoid
Unspecified	Abdomen	Fibrosarcoma

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_540

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 050.0 MG/KG

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Lung		Inflammation, Interstitial
Spleen	Follicles	Necrosis, Focal

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_541

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 050.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Capsule

Hyperplasia, Focal

Bone

Tarsal Joint

Hyperostosis

Tarsal Joint

Metaplasia, Osseous

Liver

Hepatocellular Adenoma

Thyroid

Hyperplasia, Follicular Cell

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_542

**TRT#:** 1  
**DOSE:** 050.0 MG/KG

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

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

---

**OBSERVATIONS**

Liver	Hepatocytes	Cytoplasmic Vacuolization
Spleen	Follicles	Depletion, Lymphoid

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_543

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 050.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Capsule

Adenoma, Nos

Kidney

Cortex Nos

Cyst, Nos

Lung

Tubule

Regeneration, Nos

Lymph node

Mesenteric Lymph Node

Alveolar/Bronchiolar Adenoma

Hyperplasia, Epithelial

Hematopoiesis

---

PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_544

**TRT#:** 1  
**DOSE:** 050.0 MG/KG

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

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

---

**OBSERVATIONS**

Bone marrow  
Trachea

Peritracheal Tissue

Hyperplasia, Granulocytic  
Inflammation, Chronic Focal

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_545

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 050.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Adenoma, Nos
	Capsule	Hyperplasia, Focal
Bone	Tarsal Joint	Hyperostosis
	Tarsal Joint	Metaplasia, Osseous
Kidney	Tubule	Regeneration, Nos
Lung		Alveolar/Bronchiolar Adenoma
Preputial gland		Atrophy, Focal
		Inflammation, Acute/Chronic
Skin	Back	Acanthosis
	Back	Hyperkeratosis
Unspecified	Back	Inflammation, Acute/Chronic
	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_546

**TRT#:** 1  
**DOSE:** 050.0 MG/KG

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

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

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**OBSERVATIONS**

Adrenal gland  
Unspecified

Capsule  
Shoulder  
Abdomen

Hyperplasia, Focal  
Fibrosarcoma  
Inflammation, Acute/Chronic

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_547

**TRT#:** 1  
**DOSE:** 050.0 MG/KG

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Bone	Tarsal Joint	Hyperostosis
	Tarsal Joint	Metaplasia, Osseous
Harderian gland	Harderian Gland	Adenoma, Nos
Intestine Small	Mesentery Nos	Hemangioma
Lung		Alveolar/Bronchiolar Carcinoma
Pancreas	Acinus	Atrophy, Focal
Preputial gland		Inflammation, Acute/Chronic
Skin	Back	Acanthosis
	Back	Hyperkeratosis
Unspecified	Back	Inflammation, Acute/Chronic

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_548

**TRT#:** 1  
**DOSE:** 050.0 MG/KG

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

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

---

**OBSERVATIONS**

Adrenal gland  
Kidney  
Pancreas  
Thyroid

Capsule  
  
Acinus

Hyperplasia, Focal  
Tubular-Cell Adenocarcinoma  
Atrophy, Focal  
Hyperplasia, Follicular Cell

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_549

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 050.0 MG/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Capsule

Hyperplasia, Focal

Prostate

Inflammation, Acute/Chronic

Spleen

Red Pulp

Hematopoiesis

Thymus

Lymphocytes

Necrosis, Diffuse

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_550

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 050.0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
	Medulla	Hyperplasia, Focal
Bone	Tarsal Joint	Hyperostosis
	Tarsal Joint	Inflammation, Acute/Chronic
Liver		Hepatocellular Carcinoma
Lung		Neurofibrosarcoma, Metastatic
Pancreas	Acinus	Atrophy, Focal
Spleen	Red Pulp	Hematopoiesis
Thymus		Depletion, Lymphoid
Unspecified	Leg	Neurofibrosarcoma

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_501

**TRT#:** 2  
**DOSE:** 025.0 MG/KG

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Bone	Tarsal Joint	Hyperostosis
	Tarsal Joint	Metaplasia, Osseous
Harderian gland	Harderian Gland	Adenoma, Nos
Kidney	Tubule	Regeneration, Nos
Liver		Inflammation, Chronic Focal
Lung		Hyperplasia, Epithelial
		Leukocytosis, Nos
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Skin	Back	Acanthosis
	Back	Hyperkeratosis
	Back	Ulcer, Nos
Thyroid		Hyperplasia, Follicular Cell
Unspecified	Back	Inflammation, Acute/Chronic
Urinary bladder		Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_502

**TRT#:** 2  
**DOSE:** 025.0 MG/KG

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

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

---

**OBSERVATIONS**

Adrenal gland  
Bone  
  
Kidney

Capsule  
Tarsal Joint  
Tarsal Joint  
Tubule

Hyperplasia, Focal  
Hyperostosis  
Metaplasia, Osseous  
Regeneration, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_503

**TRT#:** 2  
**DOSE:** 025.0 MG/KG

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Adenoma, Nos
	Capsule	Hyperplasia, Focal
Bone	Tarsal Joint	Hyperostosis
	Tarsal Joint	Metaplasia, Osseous
Harderian gland	Harderian Gland	Adenocarcinoma, Nos
Kidney	Tubule	Regeneration, Nos
Liver		Hepatocellular Adenoma
Lung		Alveolar/Bronchiolar Adenoma
Parathyroid gland		Cyst, Embryonal Duct
Preputial gland		Hyperplasia, Focal
		Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_504

**TRT#:** 2  
**DOSE:** 025.0 MG/KG

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

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

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**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Bone	Tarsal Joint	Hyperostosis
	Tarsal Joint	Metaplasia, Osseous
Kidney	Tubule	Regeneration, Nos
Liver		Hepatocellular Carcinoma
Spleen	Red Pulp	Hemangiosarcoma
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_505

**TRT#:** 2  
**DOSE:** 025.0 MG/KG

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

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

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**OBSERVATIONS**

Adrenal gland  
Harderian gland  
Kidney  
Liver  
Lung  
Seminal vesicle  
Testis

Capsule  
Harderian Gland  
Tubule  
Hepatocytes

Hyperplasia, Focal  
Adenocarcinoma, Nos  
Regeneration, Nos  
Cytoplasmic Vacuolization  
Hyperplasia, Epithelial  
Retention Fluid  
Spermatocoele

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_506

**TRT#:** 2  
**DOSE:** 025.0 MG/KG

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

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

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**OBSERVATIONS**

Lymph node	Mandibular Lymph Node	Depletion, Lymphoid
Spleen	Follicles	Depletion, Lymphoid
Thymus	Lymphocytes	Necrosis, Diffuse
Urethra	Periurethral Tissue	Inflammation, Acute Focal
Urinary bladder		Dilatation, Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_507

**TRT#:** 2  
**DOSE:** 025.0 MG/KG

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Bone	Tarsal Joint	Hyperostosis
	Tarsal Joint	Metaplasia, Osseous
Kidney		Nephropathy
Liver		Focal Cellular Change
		Hepatocellular Carcinoma
Lymph node	Inguinal Lymph Node	Angiectasis
Seminal vesicle		Inflammation, Chronic Focal
		Retention Fluid
Testis		Degeneration, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_508

**TRT#:** 2  
**DOSE:** 025.0 MG/KG

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

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

**OBSERVATIONS**

Blood vessel	Pulmonary Artery Nos	Thrombus, Organized
Lymph node	Mesenteric Lymph Node	Plasmacytosis
Prostate		Inflammation, Acute/Chronic
	Prostatic Urethra	Obstruction, Nos
Spleen	Follicles	Depletion, Lymphoid
	Red Pulp	Hematopoiesis
Thymus	Lymphocytes	Necrosis, Diffuse
Ureter		Ectopia
Urinary bladder		Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_509

**TRT#:** 2  
**DOSE:** 025.0 MG/KG

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

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

---

**OBSERVATIONS**

Adrenal gland

Capsule  
Cortex Nos  
Capsule

Adenoma, Nos  
Degeneration, Lipoid  
Hyperplasia, Focal  
Atrophy, Focal  
Inflammation, Acute/Chronic  
Lymphoma, Mixed-Malignant Type

Preputial gland

Unspecified

Multiple Organs Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_510

**TRT#:** 2  
**DOSE:** 025.0 MG/KG

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

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

---

**OBSERVATIONS**

Kidney		Pyelonephritis, Acute
Liver		Necrosis, Focal
Spleen	Follicles	Depletion, Lymphoid
Urinary bladder		Inflammation, Acute Necrotizing

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_511

**TRT#:** 2  
**DOSE:** 025.0 MG/KG

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

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

---

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hypertrophy, Focal
Lung		Alveolar/Bronchiolar Adenoma
Trachea	Peritracheal Tissue	Neurofibrosarcoma, Invasive
Unspecified	Thorax	Neurofibrosarcoma

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_512

**TRT#:** 2  
**DOSE:** 025.0 MG/KG

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

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

---

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Kidney		Nephropathy
Liver		Fibrosarcoma
Parathyroid gland		Cyst, Embryonal Duct
Pituitary gland	Anterior Pituitary	Cyst, Multiple
	Anterior Pituitary	Hyperplasia, Focal

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_513

**TRT#:** 2  
**DOSE:** 025.0 MG/KG

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

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

---

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
	Cortex Nos	Hypertrophy, Focal
Bone	Tarsal Joint	Hyperostosis
	Tarsal Joint	Metaplasia, Osseous
Kidney	Tubule	Regeneration, Nos
Liver		Hepatocellular Adenoma
Testis		Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_514

**TRT#:** 2  
**DOSE:** 025.0 MG/KG

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Adenoma, Nos
	Capsule	Hyperplasia, Focal
Bone	Tarsal Joint	Hyperostosis
	Tarsal Joint	Metaplasia, Osseous
Gall bladder		Dilatation, Nos
Harderian gland	Harderian Gland	Hyperplasia, Epithelial
Kidney	Tubule	Regeneration, Nos
Pancreas	Acinus	Atrophy, Focal

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_515

**TRT#:** 2  
**DOSE:** 025.0 MG/KG

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

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

---

**OBSERVATIONS**

Adrenal gland  
Kidney

Capsule  
Tubule

Hyperplasia, Focal  
Regeneration, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_516

**TRT#:** 2  
**DOSE:** 025.0 MG/KG

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

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

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Focal
Bone	Tarsal Joint	Hyperostosis
	Tarsal Joint	Metaplasia, Osseous
Kidney	Tubule	Regeneration, Nos
Lung		Alveolar/Bronchiolar Adenoma
Lymph node	Mesenteric Lymph Node	Hematopoiesis
Tooth	Periodontal Tissues	Inflammation, Acute/Chronic
Unspecified	Back	Fibrosarcoma

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_517

**TRT#:** 2  
**DOSE:** 025.0 MG/KG

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
	Medulla	Hyperplasia, Focal
Bone	Tarsal Joint	Hyperostosis
	Tarsal Joint	Metaplasia, Osseous
Bone marrow		Hyperplasia, Granulocytic
Kidney	Tubule	Regeneration, Nos
Liver		Hepatocellular Adenoma

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_518

**TRT#:** 2  
**DOSE:** 025.0 MG/KG

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
	Medulla	Hyperplasia, Focal
	Cortex Nos	Hypertrophy, Focal
Bone	Tarsal Joint	Hyperostosis
	Tarsal Joint	Metaplasia, Osseous
Kidney	Tubule	Regeneration, Nos
Liver		Hepatocellular Adenoma
Preputial gland		Inflammation, Acute/Chronic
Unspecified	Back	Fibroma

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_519

**TRT#:** 2  
**DOSE:** 025.0 MG/KG

**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		Necrosis, Focal
Kidney	Tubule	Regeneration, Nos
Lung		Fibrosarcoma, Metastatic Hyperplasia, Epithelial
Spleen	Red Pulp	Hematopoiesis
Thymus		Depletion, Lymphoid
Unspecified	Thorax	Fibrosarcoma

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_520

**TRT#:** 2  
**DOSE:** 025.0 MG/KG

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

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

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**OBSERVATIONS**

Adrenal gland	Capsule	Adenoma, Nos
Bone	Tarsal Joint	Hyperostosis
	Tarsal Joint	Metaplasia, Osseous
Epididymis		Inflammation, Acute/Chronic
Kidney	Tubule	Regeneration, Nos
Lymph node	Mesenteric Lymph Node	Hematopoiesis
Unspecified	Back	Inflammation, Chronic Focal

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_521

**TRT#:** 2  
**DOSE:** 025.0 MG/KG

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

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

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**OBSERVATIONS**

Adrenal gland	Cortex Nos Capsule	Degeneration, Lipoid Hyperplasia, Focal
Bone	Tarsal Joint Tarsal Joint	Hyperostosis Metaplasia, Osseous
Liver		Hepatocellular Adenoma
Skin	Back	Ulcer, Nos
Unspecified	Back	Inflammation, Acute/Chronic

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_522

**TRT#:** 2  
**DOSE:** 025.0 MG/KG

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

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

---

**OBSERVATIONS**

Epididymis		Lipoma
Kidney	Medulla	Necrosis, Focal
		Nephrosis, Hydro
Prostate		Inflammation, Acute Diffuse
Spleen	Follicles	Depletion, Lymphoid
Thymus		Depletion, Lymphoid
Urinary bladder		Dilatation, Nos

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 2\_523

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 025.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Capsule

Adenoma, Nos

Kidney

Cortex

Cyst, Nos

Tubule

Regeneration, Nos

Lymph node

Mediastinal Lymph Node

Hematopoiesis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_524

**TRT#:** 2  
**DOSE:** 025.0 MG/KG

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

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

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**OBSERVATIONS**

Bone marrow		Hyperplasia, Granulocytic
Intestine Large	Colon	Parasitism
Lung		Fibrosarcoma, Metastatic
Peritoneum		Inflammation, Acute/Chronic
Salivary gland		Inflammation, Chronic Focal
Spleen	Red Pulp	Hematopoiesis
Unspecified	Back	Fibrosarcoma

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_525

**TRT#:** 2  
**DOSE:** 025.0 MG/KG

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

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

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**OBSERVATIONS**

Adrenal gland  
Bone

Capsule  
Tarsal Joint  
Tarsal Joint  
Hardarian Gland

Harderian gland  
Kidney

Tubule  
Multiple Organs Nos

Hyperplasia, Focal  
Hyperostosis  
Metaplasia, Osseous  
Adenoma, Nos  
Nephropathy  
Regeneration, Nos  
Lymphoma, Mixed-Malignant Type

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_526

**TRT#:** 2  
**DOSE:** 025.0 MG/KG

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

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

---

**OBSERVATIONS**

Kidney  
Prostate  
Seminal vesicle

Pyelonephritis, Acute  
Inflammation, Acute/Chronic  
Inflammation, Acute/Chronic

Thymus  
Urinary bladder

Lymphocytes

Retention Fluid  
Necrosis, Diffuse  
Dilatation, Nos

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_527

**TRT#:** 2  
**DOSE:** 025.0 MG/KG

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
	Cortex Nos	Hyperplasia, Focal
	Medulla	Pheochromocytoma
Bone	Tarsal Joint	Hyperostosis
	Tarsal Joint	Metaplasia, Osseous
Intestine Small	Mesentery Nos	Inflammation, Chronic Focal
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_528

**TRT#:** 2  
**DOSE:** 025.0 MG/KG

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

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

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**OBSERVATIONS**

Kidney		Nephropathy
Liver		Hepatocellular Carcinoma
Lung		Alveolar/Bronchiolar Adenoma
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_529

**TRT#:** 2  
**DOSE:** 025.0 MG/KG

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
	Cortex Nos	Hypertrophy, Focal
Bone	Tarsal Joint	Hyperostosis
	Tarsal Joint	Metaplasia, Osseous
Epididymis		Inflammation, Chronic Focal
Kidney		Nephropathy
Liver		Hepatocellular Adenoma
Lymph node	Mesenteric Lymph Node	Hematopoiesis

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_530

**TRT#:** 2  
**DOSE:** 025.0 MG/KG

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Adenoma, Nos
	Capsule	Hyperplasia, Focal
Bone	Tarsal Joint	Hyperostosis
	Tarsal Joint	Metaplasia, Osseous
Kidney	Tubule	Regeneration, Nos
Lymph node	Mesenteric Lymph Node	Hematopoiesis
Spleen	Red Pulp	Hemosiderosis
	Follicles	Hyperplasia, Lymphoid
Thyroid		Hyperplasia, Follicular Cell

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_531

**TRT#:** 2  
**DOSE:** 025.0 MG/KG

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Adenoma, Nos
	Capsule	Hyperplasia, Focal
Bone	Tarsal Joint	Hyperostosis
	Tarsal Joint	Metaplasia, Osseous
Kidney	Tubule	Regeneration, Nos
Liver		Hepatocellular Adenoma
Lung		Hyperplasia, Epithelial
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Testis		Interstitial-Cell Tumor
Thyroid		Cyst, Follicular Nos
Unspecified	Abdomen	Inflammation, Acute/Chronic
	Leg	Inflammation, Acute/Chronic

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_532

**TRT#:** 2  
**DOSE:** 025.0 MG/KG

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

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

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**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
	Medulla	Hyperplasia, Focal
Bone	Tarsal Joint	Hyperostosis
	Tarsal Joint	Metaplasia, Osseous
Kidney		Nephropathy
Liver		Hepatocellular Adenoma
Lymph node	Mandibular Lymph Node	Hematopoiesis
Thymus		Ectopia

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_533

**TRT#:** 2  
**DOSE:** 025.0 MG/KG

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
	Medulla	Hyperplasia, Focal
	Cortex Nos	Hypertrophy, Focal
Bone	Tarsal Joint	Hyperostosis
	Tarsal Joint	Metaplasia, Osseous
Kidney		Pyelonephritis, Acute
	Tubule	Regeneration, Nos
Prostate		Inflammation, Acute/Chronic
Thyroid		Cyst, Follicular Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_534

**TRT#:** 2  
**DOSE:** 025.0 MG/KG

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
	Medulla	Hyperplasia, Focal
	Cortex Nos	Hypertrophy, Focal
Bone	Tarsal Joint	Hyperostosis
	Tarsal Joint	Metaplasia, Osseous
Liver		Focal Cellular Change
Lymph node	Mesenteric Lymph Node	Hematopoiesis
Preputial gland		Atrophy, Focal
		Inflammation, Acute/Chronic
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_535

**TRT#:** 2  
**DOSE:** 025.0 MG/KG

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Degeneration, Lipoid
	Capsule	Hyperplasia, Focal
	Cortex Nos	Hyperplasia, Focal
	Medulla	Hyperplasia, Focal
	Cortex Nos	Hypertrophy, Focal
Kidney		Nephropathy
Liver		Hepatocellular Adenoma
		Inflammation, Acute/Chronic
Lung		Alveolar/Bronchiolar Carcinoma
Pancreas	Acinus	Atrophy, Focal
Tooth	Root	Dysplasia, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_536

**TRT#:** 2  
**DOSE:** 025.0 MG/KG

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

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

**OBSERVATIONS**

Adrenal gland  
Bone  
  
Kidney  
Liver  
Lung  
Preputial gland  
Urinary bladder

Capsule  
Tarsal Joint  
Tarsal Joint  
Tubule

Hyperplasia, Focal  
Hyperostosis  
Metaplasia, Osseous  
Regeneration, Nos  
Hepatocellular Carcinoma  
Inflammation, Chronic Focal  
Inflammation, Acute/Chronic  
Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 2\_537

**TRT#:** 2  
**DOSE:** 025.0 MG/KG

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

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

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**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Lymphoma, Lymphocytic-Malignant Type

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_538

**TRT#:** 2  
**DOSE:** 025.0 MG/KG

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Heart	Myocardium Nos	Inflammation, Acute Focal
Kidney	Pelvis	Hemorrhage
	Tubule	Necrosis, Focal
Prostate		Inflammation, Acute Focal
Seminal vesicle		Retention Fluid
Spleen	Red Pulp	Hematopoiesis
Thymus		Depletion, Lymphoid
Urinary bladder		Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_539

**TRT#:** 2  
**DOSE:** 025.0 MG/KG

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Bone	Tarsal Joint	Hyperostosis
	Tarsal Joint	Metaplasia, Osseous
Heart	Myocardium Nos	Inflammation, Acute Focal
Kidney		Nephropathy
Liver	Hepatocytes	Degeneration, Cystic
		Hepatocellular Carcinoma
Lymph node	Mesenteric Lymph Node	Hematopoiesis
Preputial gland		Atrophy, Focal
		Inflammation, Acute/Chronic
Urinary bladder		Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_540

**TRT#:** 2  
**DOSE:** 025.0 MG/KG

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Degeneration, Lipoid
	Capsule	Hyperplasia, Focal
Kidney	Tubule	Regeneration, Nos
Liver		Hepatocellular Carcinoma
Lymph node	Mesenteric Lymph Node	Hematopoiesis
Thyroid		Follicular-Cell Adenoma
		Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 2\_541

**TRT#:** 2  
**DOSE:** 025.0 MG/KG

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

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

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**OBSERVATIONS**

Adrenal gland	Cortex Nos Capsule	Degeneration, Lipoid Hyperplasia, Focal
Bone	Tarsal Joint Tarsal Joint	Hyperostosis Metaplasia, Osseous
Kidney		Nephropathy Tubular-Cell Adenoma
Liver		Focal Cellular Change Hepatocellular Adenoma

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_542

**TRT#:** 2  
**DOSE:** 025.0 MG/KG

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

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

---

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Bone	Tarsal Joint	Hyperostosis
	Tarsal Joint	Metaplasia, Osseous
Epididymis		Adenoma, Nos
Kidney	Tubule	Regeneration, Nos
Liver		Hepatocellular Adenoma
Pituitary gland	Anterior Pituitary	Cyst, Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_543

**TRT#:** 2  
**DOSE:** 025.0 MG/KG

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

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

**OBSERVATIONS**

Adrenal gland  
Kidney  
Lung  
Prostate  
Salivary gland  
Seminal vesicle  
Spleen  
Thymus  
Urinary bladder

Capsule  
  
  
  
  
Follicles  
Lymphocytes

Hyperplasia, Focal  
Pyelonephritis, Acute  
Inflammation, Interstitial  
Inflammation, Acute Focal  
Cytoplasmic Vacuolization  
Retention Fluid  
Depletion, Lymphoid  
Necrosis, Focal  
Dilatation, Nos  
Hemorrhage  
Inflammation, Acute Necrotizing

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 2\_544

**TRT#:** 2  
**DOSE:** 025.0 MG/KG

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

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

---

**OBSERVATIONS**

Kidney  
Seminal vesicle  
Spleen  
Thymus  
Urinary bladder

Follicles  
Lymphocytes

Nephrosis, Hydro  
Retention Fluid  
Depletion, Lymphoid  
Necrosis, Diffuse  
Dilatation, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 2\_545

**TRT#:** 2  
**DOSE:** 025.0 MG/KG

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

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

---

**OBSERVATIONS**

Adrenal gland  
Kidney  
Spleen  
Thymus  
Urinary bladder

Capsule  
Tubule  
Follicles  
Lymphocytes

Ectopia  
Mineralization  
Depletion, Lymphoid  
Necrosis, Focal  
Dilatation, Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 2\_546

**TRT#:** 2  
**DOSE:** 025.0 MG/KG

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

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

---

**OBSERVATIONS**

Kidney  
Liver  
Preputial gland

Prostate  
Seminal vesicle  
Spleen  
Urinary bladder

Follicles

Pyelonephritis, Acute  
Necrosis, Focal  
Dilatation, Ducts  
Inflammation, Acute/Chronic  
Inflammation, Acute Diffuse  
Retention Fluid  
Depletion, Lymphoid  
Inflammation, Acute Necrotizing

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 2\_548

**TRT#:** 2  
**DOSE:** 025.0 MG/KG

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

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

---

**OBSERVATIONS**

Adrenal gland  
Intestine Large  
Kidney  
Liver  
  
Thymus

Capsule  
Colon  
  
Hepatocytes

Hyperplasia, Focal  
Parasitism  
Nephropathy  
Degeneration, Cystic  
Hepatocellular Adenoma  
Depletion, Lymphoid

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_549

**TRT#:** 2  
**DOSE:** 025.0 MG/KG

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

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

---

**OBSERVATIONS**

Spleen

Follicles

Depletion, Lymphoid

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_550

**TRT#:** 2  
**DOSE:** 025.0 MG/KG

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

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

---

**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver  
  
Lung

Capsule

Hyperplasia, Focal  
Nephropathy  
Hepatocellular Carcinoma  
Necrosis, Focal  
Hyperplasia, Epithelial

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_501

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

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
	Cortex Nos	Hypertrophy, Focal
Bone	Tarsal Joint	Hyperostosis
	Tarsal Joint	Metaplasia, Osseous
Kidney	Tubule	Regeneration, Nos
Liver	Bile Duct	Cyst, Nos
		Hematopoiesis
Lymph node	Mesenteric Lymph Node	Hematopoiesis

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_502

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

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

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

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**OBSERVATIONS**

Adrenal gland  
Bone

Capsule  
Tarsal Joint  
Tarsal Joint  
Hardarian Gland

Harderian gland  
Kidney  
Thyroid  
Unspecified

Tubule  
Multiple Organs Nos

Hyperplasia, Focal  
Hyperostosis  
Metaplasia, Osseous  
Adenoma, Nos  
Regeneration, Nos  
Cyst, Follicular Nos  
Lymphoma, Mixed-Malignant Type

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_503

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

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

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

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**OBSERVATIONS**

Intestine Small  
Unspecified

Jejunum  
Multiple Organs Nos

Necrosis, Coagulative  
Lymphoma, Histiocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_504

**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, Lymphocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_505

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

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Kidney		Nephrosis, Hydro
	Tubule	Regeneration, Nos
Liver	Hepatocytes	Cytoplasmic Vacuolization
Parathyroid gland		Focal Cellular Change
Prostate		Inflammation, Acute Focal
Seminal vesicle		Retention Fluid
Thymus	Lymphocytes	Necrosis, Focal
Urinary bladder		Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_506

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

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

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

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**OBSERVATIONS**

Adrenal gland	Cortex Nos	Degeneration, Lipoid
	Capsule	Hyperplasia, Focal
Kidney	Tubule	Regeneration, Nos
Liver		Hepatocellular Adenoma
Stomach	Glandular Stomach	Dysplasia, Nos
	Glandular Stomach	Inflammation, Acute/Chronic

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_507

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos Capsule	Degeneration, Lipoid Hyperplasia, Focal
Bone	Cortex Nos Tarsal Joint Tarsal Joint	Hypertrophy, Focal Hyperostosis Metaplasia, Osseous
Kidney	Tubule	Regeneration, Nos
Liver		Inflammation, Acute/Chronic
Lung		Alveolar/Bronchiolar Adenoma Hyperplasia, Epithelial
Lymph node	Mesenteric Lymph Node	Hematopoiesis

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_508

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

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Bone	Tarsal Joint	Hyperostosis
	Tarsal Joint	Metaplasia, Osseous
Kidney	Tubule	Regeneration, Nos
Liver		Hepatocellular Adenoma
Lung		Alveolar/Bronchiolar Carcinoma
Tooth	Root	Dysplasia, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_509

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

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

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

---

**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver  
Spleen

Capsule  
  
Red Pulp

Hyperplasia, Focal  
Nephropathy  
Hepatocellular Carcinoma  
Hematopoiesis

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_510

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

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

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

---

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Kidney	Tubule	Regeneration, Nos
Liver		Inflammation, Acute/Chronic
Lung		Hyperplasia, Epithelial
Preputial gland		Atrophy, Focal
Spleen		Lymphoma, Undifferentiated-Malignant Type

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_511

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

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

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

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**OBSERVATIONS**

Adrenal gland

Cortex Nos  
Capsule

Degeneration, Lipoid  
Hyperplasia, Focal

Harderian gland

Harderian Gland

Adenocarcinoma, Nos

Kidney

Tubule

Regeneration, Nos

Liver

Hepatocytes

Cytoplasmic Vacuolization

Lung

Alveolar/Bronchiolar Adenoma  
Alveolar/Bronchiolar Carcinoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_512

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

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

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

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**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
	Cortex Nos	Hyperplasia, Focal
Bone	Tarsal Joint	Hyperostosis
	Tarsal Joint	Metaplasia, Osseous
Kidney	Tubule	Regeneration, Nos
Lung		Alveolar/Bronchiolar Adenoma
Unspecified	Abdomen	Fibrosarcoma

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_513

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

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

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

**OBSERVATIONS**

Bone	Tarsal Joint	Hyperostosis
	Tarsal Joint	Metaplasia, Osseous
Bone marrow		Hyperplasia, Granulocytic
Brain	Cerebrum	Mineralization
	Cerebrum	Necrosis, Focal
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Pyelonephritis, Acute
Lung	Alveoli	Foreign Material, Nos
		Inflammation, Interstitial
Spleen	Red Pulp	Hematopoiesis
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_514

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

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

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

**OBSERVATIONS**

Bone	Tarsal Joint	Hyperostosis
	Tarsal Joint	Metaplasia, Osseous
Bone marrow		Hyperplasia, Granulocytic
Kidney	Tubule	Regeneration, Nos
Liver		Inflammation, Acute/Chronic
Seminal vesicle		Retention Fluid
Thymus		Depletion, Lymphoid
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Urinary bladder		Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_515

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

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

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

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**OBSERVATIONS**

Adrenal gland  
Bone

Capsule  
Tarsal Joint  
Tarsal Joint

Kidney  
Liver

Tubule  
Hepatocytes

Hyperplasia, Focal  
Hyperostosis  
Metaplasia, Osseous  
Regeneration, Nos  
Cytoplasmic Vacuolization

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_516

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

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

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

---

**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver  
Lung  
Lymph node

Capsule  
Tubule  
  
Mesenteric Lymph Node

Hyperplasia, Focal  
Regeneration, Nos  
Hepatocellular Adenoma  
Alveolar/Bronchiolar Carcinoma  
Hematopoiesis

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_517

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

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

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

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**OBSERVATIONS**

Adrenal gland

Capsule  
Cortex Nos

Hyperplasia, Focal  
Hypertrophy, Focal

Kidney

Tubule

Regeneration, Nos

Lung

Alveolar/Bronchiolar Carcinoma

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_518

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

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

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

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**OBSERVATIONS**

Adrenal gland  
Bone

Capsule  
Tarsal Joint  
Tarsal Joint

Liver  
Thyroid

Hyperplasia, Focal  
Hyperostosis  
Metaplasia, Osseous  
Focal Cellular Change  
Hyperplasia, Follicular Cell

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_519

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

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

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

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**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver  
Lymph node  
Preputial gland

Capsule  
Tubule  
  
Mesenteric Lymph Node

Hyperplasia, Focal  
Regeneration, Nos  
Hepatocellular Adenoma  
Hematopoiesis  
Inflammation, Acute/Chronic

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_520

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

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

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

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**OBSERVATIONS**

Adrenal gland

Capsule  
Cortex Nos

Hyperplasia, Focal  
Hypertrophy, Focal

Kidney

Tubule

Regeneration, Nos

Lymph node

Mesenteric Lymph Node

Hematopoiesis

Testis

Interstitial-Cell Tumor

Tooth

Root

Dysplasia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_521

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

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

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

**OBSERVATIONS**

Adrenal gland  
Bone  
  
Brain  
Intestine Large  
Kidney  
Lymph node

Capsule  
Tarsal Joint  
Tarsal Joint  
Meninges  
Colon  
Tubule  
Mesenteric Lymph Node  
Inguinal Lymph Node

Hyperplasia, Focal  
Hyperostosis  
Metaplasia, Osseous  
Lymphocytic Inflammatory Infiltrate  
Parasitism  
Regeneration, Nos  
Hematopoiesis  
Plasmacytosis

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_522

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

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
	Cortex Nos	Hypertrophy, Focal
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization
		Hemangioma
		Hepatocellular Carcinoma
Lung		Hepatocellular Carcinoma, Metastatic
Thyroid		Hyperplasia, Follicular Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_523

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

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

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

---

**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver  
Lung

Capsule  
Tubule

Hyperplasia, Focal  
Regeneration, Nos  
Focal Cellular Change  
Alveolar/Bronchiolar Adenoma

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_524

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

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

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

---

**OBSERVATIONS**

Adrenal gland  
Bone  
  
Kidney  
Preputial gland  
Tooth

Capsule  
Tarsal Joint  
Tarsal Joint  
Tubule

Hyperplasia, Focal  
Hyperostosis  
Metaplasia, Osseous  
Regeneration, Nos  
Inflammation, Acute/Chronic  
Necrosis, Focal

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_525

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

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

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

---

**OBSERVATIONS**

Adrenal gland  
Bone

Capsule  
Tarsal Joint  
Tarsal Joint

Kidney  
Thyroid

Hyperplasia, Focal  
Hyperostosis  
Metaplasia, Osseous  
Nephropathy  
Follicular-Cell Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_526

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

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

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

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**OBSERVATIONS**

Adrenal gland	Cortex Nos Capsule	Degeneration, Lipoid Hyperplasia, Focal
Bone	Tarsal Joint Tarsal Joint	Hyperostosis Metaplasia, Osseous
Kidney	Tubule	Regeneration, Nos
Liver	Hepatocytes	Cytoplasmic Vacuolization Hepatocellular Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_527

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

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
	Cortex Nos	Hypertrophy, Focal
Bone	Tarsal Joint	Hyperostosis
	Tarsal Joint	Metaplasia, Osseous
Harderian gland	Hardarian Gland	Adenoma, Nos
Kidney	Tubule	Regeneration, Nos
Lung		Alveolar/Bronchiolar Adenoma
Lymph node	Mesenteric Lymph Node	Hematopoiesis
Pancreas	Acinus	Cytoplasmic Vacuolization

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_528

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

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
	Cortex Nos	Hypertrophy, Focal
Kidney	Tubule	Regeneration, Nos
Liver		Cytoplasmic Change, Basophilic
Lung		Alveolar/Bronchiolar Adenoma
Pancreas	Acinus	Atrophy, Focal
Tooth	Root	Dysplasia, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_529

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos Capsule	Degeneration, Lipoid Hyperplasia, Focal
Bone	Tarsal Joint Tarsal Joint	Hyperostosis Metaplasia, Osseous
Kidney		Nephropathy
Liver		Hepatocellular Carcinoma
Lung		Hepatocellular Carcinoma, Metastatic
Thyroid		Cyst, Follicular Nos
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_530

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

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Adenoma, Nos
	Capsule	Hyperplasia, Focal
Kidney	Tubule	Regeneration, Nos
Liver		Hepatocellular Carcinoma
		Inflammation, Acute Focal
		Necrosis, Focal
Lung		Hepatocellular Carcinoma, Metastatic
Lymph node	Mesenteric Lymph Node	Hematopoiesis
Pituitary gland	Anterior Pituitary	Cyst, Nos
Preputial gland		Inflammation, Acute/Chronic
Spleen	Red Pulp	Hematopoiesis

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_531

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

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
	Cortex Nos	Hyperplasia, Focal
	Cortex Nos	Hypertrophy, Focal
Bone	Tarsal Joint	Hyperostosis
	Tarsal Joint	Metaplasia, Osseous
Harderian gland	Hardarian Gland	Adenoma, Nos
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization
		Hepatocellular Adenoma
Lung		Alveolar/Bronchiolar Carcinoma
Pancreas	Acinus	Atrophy, Focal
Thyroid		Hyperplasia, Follicular Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_532

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

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
	Medulla	Hyperplasia, Focal
Bone	Tarsal Joint	Hyperostosis
	Tarsal Joint	Metaplasia, Osseous
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Liver		Hepatocellular Carcinoma
Lung		Hepatocellular Carcinoma, Metastatic
Urinary bladder		Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_533

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

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
	Cortex Nos	Hypertrophy, Focal
Bone	Tarsal Joint	Hyperostosis
	Tarsal Joint	Metaplasia, Osseous
Liver		Hepatocellular Adenoma
Lung		Alveolar/Bronchiolar Adenoma
Preputial gland		Inflammation, Acute/Chronic
Stomach	Forestomach	Squamous Cell Papilloma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_534

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

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

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

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**OBSERVATIONS**

Adrenal gland  
Intestine Small  
Liver

Capsule  
Peyers Patch  
Bile Duct

Hyperplasia, Focal  
Hyperplasia, Lymphoid  
Cyst, Nos  
Hepatocellular Adenoma

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_535

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

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
	Cortex Nos	Hyperplasia, Focal
Bone	Tarsal Joint	Hyperostosis
	Tarsal Joint	Metaplasia, Osseous
Kidney	Tubule	Regeneration, Nos
Liver		Focal Cellular Change
		Inflammation, Acute Focal
		Necrosis, Focal
Preputial gland		Inflammation, Acute/Chronic
Testis		Degeneration, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_536

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

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Bone	Tarsal Joint	Hyperostosis
	Tarsal Joint	Metaplasia, Osseous
Kidney		Glomerulonephritis, Subacute
Liver		Hepatocellular Adenoma
Lung		Alveolar/Bronchiolar Adenoma
Lymph node	Mesenteric Lymph Node	Hematopoiesis
Stomach	Forestomach	Squamous Cell Carcinoma
Unspecified	Trunk	Fibrosis, Focal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_537

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

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Bone marrow		Hyperplasia, Granulocytic
Brain	Cerebrum	Inflammation, Focal
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Pelvis	Hyperplasia, Epithelial
		Nephropathy
Liver		Angiectasis
Lymph node	Mesenteric Lymph Node	Hematopoiesis
Pancreas	Acinus	Atrophy, Focal
Prostate		Inflammation, Suppurative
Spleen	Red Pulp	Hematopoiesis
Unspecified	Multiple Organs Nos	Inflammation, Acute/Chronic
Urinary bladder		Hyperplasia, Epithelial

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_538

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

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

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

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**OBSERVATIONS**

Adrenal gland

Capsule

Hyperplasia, Focal

Medulla

Hyperplasia, Focal

Penis

Prepuce Nos

Acanthosis

Prepuce Nos

Hyperkeratosis

Unspecified

Perineum

Inflammation, Acute/Chronic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_539

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

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Bone	Tarsal Joint	Hyperostosis
	Tarsal Joint	Metaplasia, Osseous
Harderian gland	Hardarian Gland	Hyperplasia, Epithelial
Kidney	Tubule	Regeneration, Nos
Liver	Bile Duct	Cyst, Nos
Lung		Alveolar/Bronchiolar Adenoma
Lymph node	Inguinal Lymph Node	Cyst, Nos
	Inguinal Lymph Node	Inflammation, Acute/Chronic
Parathyroid gland		Cyst, Embryonal Duct
Unspecified	Shoulder	Fibroma

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_540

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

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

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

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**OBSERVATIONS**

Adrenal gland  
Bone  
  
Intestine Large  
Kidney  
Unspecified

Capsule  
Tarsal Joint  
Tarsal Joint  
Colon  
Tubule  
Back

Hyperplasia, Focal  
Hyperostosis  
Metaplasia, Osseous  
Parasitism  
Regeneration, Nos  
Fibrosarcoma

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_541

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

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

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

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**OBSERVATIONS**

Adrenal gland	Capsule	Adenoma, Nos
	Capsule	Hyperplasia, Focal
Bone	Tarsal Joint	Hyperostosis
	Tarsal Joint	Metaplasia, Osseous
Kidney	Tubule	Regeneration, Nos
Lymph node	Mesenteric Lymph Node	Hematopoiesis
	Mesenteric Lymph Node	Hyperplasia, Lymphoid

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_542

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

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
	Cortex Nos	Hypertrophy, Focal
Bone	Tarsal Joint	Hyperostosis
	Tarsal Joint	Metaplasia, Osseous
Harderian gland	Hardarian Gland	Adenoma, Nos
Kidney	Tubule	Regeneration, Nos
Liver		Inflammation, Acute Focal
Pancreas	Acinus	Atrophy, Focal
Thyroid		Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_543

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

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

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

**OBSERVATIONS**

Adrenal gland

Cortex Nos  
Capsule  
Medulla

Degeneration, Lipoid  
Hyperplasia, Focal  
Hyperplasia, Focal

Bone

Tarsal Joint  
Tarsal Joint

Hyperostosis  
Metaplasia, Osseous

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_544

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

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

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

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**OBSERVATIONS**

Adrenal gland  
Lymph node

Capsule  
Mandibular Lymph Node  
Mesenteric Lymph Node  
Periprostatic Tissue

Hyperplasia, Focal  
Hematopoiesis  
Hematopoiesis  
Periarteritis

Prostate

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_545

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

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
	Cortex Nos	Hypertrophy, Focal
Bone	Tarsal Joint	Hyperostosis
	Tarsal Joint	Metaplasia, Osseous
Kidney	Tubule	Regeneration, Nos
Liver		Hepatocellular Adenoma
Lymph node	Mesenteric Lymph Node	Hematopoiesis

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_546

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

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Bone	Tarsal Joint	Hyperostosis
	Tarsal Joint	Metaplasia, Osseous
Bone marrow		Hyperplasia, Granulocytic
Liver		Necrosis, Focal
Lung		Alveolar/Bronchiolar Adenoma
		Fibrosarcoma, Metastatic
Spleen	Red Pulp	Hematopoiesis
Unspecified	Leg	Fibrosarcoma
	Flank	Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_547

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Degeneration, Lipoid
	Capsule	Hyperplasia, Focal
Bone	Tarsal Joint	Hyperostosis
	Tarsal Joint	Metaplasia, Osseous
Epididymis		Inflammation, Chronic Focal
Lung		Alveolar/Bronchiolar Adenoma
Lymph node	Mesenteric Lymph Node	Hematopoiesis
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Spleen	Red Pulp	Hematopoiesis
Unspecified	Abdomen	Inflammation, Chronic Focal
	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_548

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

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

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

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**OBSERVATIONS**

Adrenal gland  
Harderian gland  
Kidney

Medulla  
Hardarian Gland

Hyperplasia, Focal  
Adenoma, Nos  
Nephropathy  
Nephrosis, Hydro  
Hepatocellular Carcinoma  
Hepatocellular Carcinoma, Metastatic

Liver  
Lung

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_549

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos Capsule	Degeneration, Lipoid Hyperplasia, Focal
Bone	Cortex Nos Tarsal Joint Tarsal Joint	Hypertrophy, Focal Hyperostosis Metaplasia, Osseous
Bone marrow		Hyperplasia, Granulocytic
Kidney	Tubule	Regeneration, Nos
Lung		Alveolar/Bronchiolar Adenoma
Preputial gland		Atrophy, Focal
Thyroid		Inflammation, Acute/Chronic
Unspecified	Abdomen	Follicular-Cell Adenoma Fibrosis, Multifocal

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C55265  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorpheniramine maleate  
**CAS Number:** 113-92-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:38:46  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_550

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

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

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

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**OBSERVATIONS**

Adrenal gland  
Harderian gland  
Kidney  
Lymph node

Capsule  
Hardarian Gland  
Tubule  
Mesenteric Lymph Node

Hyperplasia, Focal  
Adenoma, Nos  
Regeneration, Nos  
Hematopoiesis

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**PRIMARY CAUSE OF DEATH**

-

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