

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:04  
**First Dose M/F:** NA / NA  
**Lab:** NA

<b>C Number:</b>	C53587
<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:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:04  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_001

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 250.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Harderian gland  
Kidney  
Liver  
Nasal cavity

Hardarian Gland

Adenoma, Nos  
Nephrosis, Nos  
Hepatocellular Adenoma  
Foreign Body, Reaction  
Inflammation, Suppurative  
Dysplasia, Nos

Tooth

Root

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:04  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_002

**TRT#:** 1  
**DOSE:** 250.0 MG/KG

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

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

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**OBSERVATIONS**

Liver		Hemangiosarcoma
		Infarct, Nos
		Thrombosis, Nos
Skin	Back	Inflammation, Chronic
Spleen		Hematopoiesis

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:04  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_003

**TRT#:** 1  
**DOSE:** 250.0 MG/KG

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

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

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**OBSERVATIONS**

Brain	Thalamus	Psammoma Bodies
Kidney		Nephrosis, Nos
Liver		Hemangiosarcoma
		Hepatocellular Adenoma
		Hepatocellular Carcinoma
Lung		Alveolar/Bronchiolar Adenoma
Stomach	Forestomach	Hyperplasia, Epithelial

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:04  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_004

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 250.0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Liver	Cytoplasmic Vacuolization
	Hepatocytomegaly
Spleen	Congestion, Nos
Thymus	Hyperplasia, Epithelial

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:04  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_005

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 250.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Capsule

Adenoma, Nos

Brain

Thalamus

Psammoma Bodies

Liver

Hepatocellular Adenoma

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

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

**Time Report Requested:** 16:19:04

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

**Lab:** NA

**ANIMAL ID:** 1\_006

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 250.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Harderian gland	Harderian Gland	Adenoma, Nos
Intestine Small	Peyers Patch	Hyperplasia, Lymphoid
Liver		Hepatocellular Adenoma
Lymph node	Mesenteric Lymph Node	Angiectasis
Nasal cavity		Foreign Body, Reaction
		Inflammation, Suppurative
Pancreas		Cystic Ducts
Preputial gland		Degeneration, Cystic
Skin	Back	Inflammation, Chronic
Thyroid		Follicular-Cell Adenoma
Tooth	Root	Dysplasia, Nos
Unspecified	Chest	Fibrosarcoma

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:04  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_007

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 250.0 MG/KG

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Liver		Hepatocellular Carcinoma
Lung		Alveolar/Bronchiolar Carcinoma
		Sarcoma, Nos, Metastatic
Skeletal muscle		Sarcoma, Nos
Skin		Inflammation, Chronic
Thyroid		Follicular-Cell Carcinoma
Unspecified	Multiple Organs Nos	Alveolar/Bronchiolar Carcinoma, Metastatic
	Multiple Organs Nos	Sarcoma, Nos, Invasive

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:04  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_008

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 250.0 MG/KG

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Brain  
Intestine Small  
Spleen  
Unspecified

Thalamus  
Mesentery Nos

Psammoma Bodies  
Steatitis  
Hematopoiesis  
Sarcoma, Nos

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:04  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_009

**TRT#:** 1  
**DOSE:** 250.0 MG/KG

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

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

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Focal
Brain	Thalamus	Psammoma Bodies
Heart		Fibrosis
	Atrium	Thrombosis, Nos
Kidney		Nephrosis, Nos
Liver		Hepatocellular Carcinoma
		Thrombosis, Nos
Lung	Alveoli	Histiocytosis
Prostate	Coagulating Gland	Dilatation, Nos
Spleen		Hematopoiesis

**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:04  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_010

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 250.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Kidney  
Liver  
Nasal cavity

Nephrosis, Nos  
Hepatocellular Adenoma  
Foreign Body, Reaction  
Inflammation, Suppurative  
Hyperplasia, Follicular Cell

Thyroid

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:04  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_011

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 250.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Eye

Kidney

Liver

Tooth

Nasolacrimal Duct

Root

Cortical Adenoma

Inflammation, Nos

Nephrosis, Nos

Hepatocellular Adenoma

Dysplasia, Nos

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:04  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_012

**TRT#:** 1  
**DOSE:** 250.0 MG/KG

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

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

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**OBSERVATIONS**

Brain  
Kidney

Thalamus

Psammoma Bodies  
Atrophy, Focal

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:04  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_013

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 250.0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Intestine Small  
Liver

Ileum

Adenocarcinoma, Nos  
Atrophy, Focal  
Hepatocellular Adenoma  
Hepatocellular Carcinoma  
Infarct, Nos  
Necrosis, Central  
Pigmentation, Nos  
Hepatocellular Carcinoma, Metastatic  
Foreign Body, Reaction  
Inflammation, Suppurative  
Inflammation, Suppurative

Lung  
Nasal cavity

Tooth

Root

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:04  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_014

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 250.0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Kidney		Nephrosis, Nos
Liver		Hepatocellular Adenoma Hepatocellular Carcinoma
Spleen		Hematopoiesis
Stomach	Fundal Gland	Hyperplasia, Cystic
	Forestomach	Hyperplasia, Epithelial

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:04  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_016

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 250.0 MG/KG

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Liver		Hepatocellular Carcinoma
Lung		Congestion, Nos
		Leukocytosis, Nos
Stomach	Forestomach	Squamous Cell Carcinoma
Unspecified	Multiple Organs Nos	Squamous Cell Carcinoma, Invasive

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:04  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_017

**TRT#:** 1  
**DOSE:** 250.0 MG/KG

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

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

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**OBSERVATIONS**

Brain	Thalamus	Psammoma Bodies
Kidney		Tubular-Cell Adenocarcinoma
Liver		Hepatocellular Adenoma
Thyroid		Hyperplasia, Follicular Cell
Tooth	Root	Dysplasia, Nos

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:04  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_018

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 250.0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Brain  
Liver

Thalamus

Psammoma Bodies  
Angiectasis  
Hemangiosarcoma  
Necrosis, Focal  
Thrombosis, Nos  
Angiectasis  
Hematopoiesis  
Follicular-Cell Adenoma

Lymph node  
Spleen  
Thyroid

Mesenteric Lymph Node

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:04  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_019

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 250.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Brain	Thalamus	Psammoma Bodies
Liver		Hepatocellular Adenoma
Skin		Inflammation, Chronic
Tooth	Root	Inflammation, Suppurative

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:04  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_020

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 250.0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Brain	Thalamus	Psammoma Bodies
Kidney		Nephrosis, Nos
Liver		Hepatocellular Adenoma
		Hepatocellular Carcinoma
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:04  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_021

**TRT#:** 1  
**DOSE:** 250.0 MG/KG

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

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

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**OBSERVATIONS**

Kidney	Cortex	Cyst, Nos Nephrosis, Nos
Liver		Hepatocellular Carcinoma Necrosis, Focal
Spleen		Hematopoiesis
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Ulcer, Nos

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:04  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_022

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 250.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Eye	Nasolacrimal Duct	Inflammation, Nos
Harderian gland	Harderian Gland	Adenoma, Nos
Intestine Small	Mesentery Nos	Necrosis, Fat
Kidney		Nephrosis, Nos
Liver		Hepatocellular Carcinoma
Lung		Alveolar/Bronchiolar Carcinoma
Lymph node	Mandibular Lymph Node	Hyperplasia, Nos
Nasal cavity		Foreign Body, Reaction
		Inflammation, Suppurative
Skin		Inflammation, Chronic

**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_023

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 250.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Kidney		Nephrosis, Nos
Lung		Alveolar/Bronchiolar Carcinoma
Lymph node	Iliac Lymph Node	Abscess, Nos
	Iliac Lymph Node	Hyperplasia, Nos
	Mesenteric Lymph Node	Hyperplasia, Nos
Skin		Inflammation, Chronic
Testis	Spermatic Cord Nos	Necrosis, Fat
Tooth	Root	Dysplasia, Nos

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_024

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 250.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Kidney

Nephrosis, Nos

Liver

Hepatocellular Adenoma

Hepatocellular Carcinoma

Tooth

Root

Dysplasia, Nos

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_025

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 250.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Brain	Thalamus	Psammoma Bodies
Kidney		Nephrosis, Nos
Liver		Hepatocellular Adenoma
Nasal cavity		Foreign Body, Reaction
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_026

**TRT#:** 1  
**DOSE:** 250.0 MG/KG

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

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

**OBSERVATIONS**

Bone marrow		Hyperplasia, Granulocytic
Brain	Thalamus	Psammoma Bodies
Kidney		Nephrosis, Nos
Liver		Hepatocellular Adenoma
Lung		Alveolar/Bronchiolar Adenoma
Skin		Ulcer, Nos
Spleen		Hematopoiesis
Stomach	Forestomach	Squamous Cell Papilloma
Testis		Interstitial-Cell Tumor

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_027

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 250.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Brain	Thalamus	Psammoma Bodies
Kidney		Nephrosis, Nos
Liver		Hepatocellular Carcinoma
Nasal cavity		Foreign Body, Reaction
		Inflammation, Suppurative
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Focal
Thyroid		Hyperplasia, Follicular Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_028

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 250.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Kidney

Nephrosis, Nos

Liver

Hepatocellular Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_029

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 250.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney		Nephrosis, Nos
Liver		Hepatocellular Adenoma
Lung		Alveolar/Bronchiolar Carcinoma
Stomach	Fundal Gland	Dilatation, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_030

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 250.0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Brain	Thalamus	Psammoma Bodies
Kidney		Nephrosis, Hydro
Liver		Hepatocellular Adenoma
		Histiocytosis
		Pigmentation, Nos
Lymph node	Mesenteric Lymph Node	Depletion, Lymphoid
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Focal
Thyroid		Hyperplasia, Follicular Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_031

**TRT#:** 1  
**DOSE:** 250.0 MG/KG

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

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

---

**OBSERVATIONS**

Brain  
Harderian gland  
Preputial gland  
Spleen  
Stomach  
Testis  
Thyroid

Thalamus  
Hardarian Gland  
  
Forestomach

Psammoma Bodies  
Adenoma, Nos  
Degeneration, Cystic  
Hyperplasia, Lymphoid  
Inflammation, Focal  
Atrophy, Nos  
Hyperplasia, Follicular Cell

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_032

**TRT#:** 1  
**DOSE:** 250.0 MG/KG

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

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

---

**OBSERVATIONS**

Liver		Hepatocellular Carcinoma
Thyroid		Hyperplasia, Follicular Cell
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:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_033

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 250.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Kidney		Nephrosis, Nos
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Nasal cavity	Mucosa	Inflammation, Focal
Spleen		Hyperplasia, Lymphoid
Thyroid		Hyperplasia, Follicular Cell

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_034

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 250.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Liver  
Lung

Capsule

Adenoma, Nos  
Cytoplasmic Vacuolization  
Alveolar/Bronchiolar Carcinoma  
Congestion, Nos  
Angiectasis

Lymph node

Mesenteric Lymph Node

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_035

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 250.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney		Nephrosis, Nos
Liver		Hepatocellular Adenoma
Lung		Alveolar/Bronchiolar Carcinoma
Stomach	Forestomach	Hyperplasia, Epithelial
Thyroid		Hyperplasia, Follicular Cell

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_036

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 250.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Kidney

Nephrosis, Nos

Liver

Cytoplasmic Vacuolization

Thyroid

Hepatocellular Adenoma

Hyperplasia, Follicular Cell

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_037

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 250.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Small  
Liver  
Spleen

Ileum

Amyloidosis  
Hepatocellular Adenoma  
Amyloidosis

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_038

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 250.0 MG/KG

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Eye	Nasolacrimal Duct	Inflammation, Nos
Liver		Angiectasis
Lung		Adenosquamous Carcinoma
Lymph node	Mesenteric Lymph Node	Angiectasis
Unspecified	Multiple Organs Nos	Hemangiosarcoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_039

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 250.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Small  
Liver

Mucosa, Ileum

Adenocarcinoma, Nos  
Hepatocellular Adenoma  
Hepatocellular Carcinoma  
Hematopoiesis

Spleen

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_040

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 250.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Epididymis  
Liver

Capsule

Hyperplasia, Focal  
Hyperplasia, Lymphoid  
Hepatocellular Adenoma  
Histiocytosis  
Congestion, Nos  
Hyperplasia, Lymphoid

Lung  
Spleen

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_041

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 250.0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Brain		Neurilemoma, Malignant
Kidney		Nephrosis, Nos
Liver		Hepatocytomegaly
Lung		Alveolar/Bronchiolar Adenoma
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Focal
Thyroid		Hyperplasia, Follicular Cell
		Inflammation, Focal

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_042

**TRT#:** 1  
**DOSE:** 250.0 MG/KG

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

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

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**OBSERVATIONS**

Adrenal gland  
Liver

Capsule

Adenoma, Nos  
Hepatocellular Adenoma

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_043

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 250.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Brain	Thalamus	Psammoma Bodies
Kidney		Nephrosis, Nos
Liver		Hepatocellular Adenoma
		Hepatocellular Carcinoma
Lung		Hepatocellular Carcinoma, Metastatic
Lymph node	Mesenteric Lymph Node	Angiectasis
Preputial gland		Degeneration, Cystic
Spleen		Hematopoiesis
Thyroid		Hyperplasia, Follicular Cell
Urinary bladder		Hyperplasia, Lymphoid

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_044

**TRT#:** 1  
**DOSE:** 250.0 MG/KG

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

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

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**OBSERVATIONS**

Brain	Thalamus	Psammoma Bodies
Kidney		Nephrosis, Nos
Liver		Hepatocellular Adenoma
Skin	Neck	Acanthosis
Testis	Spermatic Cord Nos	Necrosis, Fat
Tooth	Root	Dysplasia, Nos
Unspecified	Nose	Inflammation, Focal

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_045

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 250.0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Kidney		Nephrosis, Nos
Liver		Hepatocellular Adenoma Hepatocellular Carcinoma
Spleen		Infarct, Nos Hematopoiesis
Stomach	Forestomach	Erosion
	Fundal Gland	Hyperplasia, Cystic
	Forestomach	Hyperplasia, Epithelial
Unspecified	Ear	Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_046

**TRT#:** 1  
**DOSE:** 250.0 MG/KG

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

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

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**OBSERVATIONS**

Brain  
Liver  
Unspecified

Thalamus  
Multiple Organs Nos

Psammoma Bodies  
Hepatocellular Adenoma  
Lymphoma, Nos-Malignant

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_047

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 250.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Brain	Thalamus	Psammoma Bodies
Kidney		Nephrosis, Nos
Liver		Hepatocellular Adenoma
Lung		Hyperplasia, Alveolar Epithelium

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_048

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 250.0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Brain  
Intestine Small  
Kidney  
Liver

Thalamus  
Jejunum

Psammoma Bodies  
Lymphoma, Mixed-Malignant Type  
Nephrosis, Nos  
Hepatoblastoma  
Hepatocellular Carcinoma  
Infarct, Nos  
Congestion, Nos  
Degeneration, Cystic

Lung  
Preputial gland

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_049

**TRT#:** 1  
**DOSE:** 250.0 MG/KG

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

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

---

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Brain	Thalamus	Psammoma Bodies
Epididymis		Dilatation, Nos
Liver		Hepatocellular Adenoma
Stomach	Forestomach	Hyperplasia, Epithelial
Thyroid		Cystic Follicles
		Hyperplasia, Follicular Cell

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_050

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 250.0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Brain	Thalamus	Psammoma Bodies
Kidney		Nephrosis, Nos
Liver	Hepatocytes	Depletion, Glycogen Hepatocellular Carcinoma Hepatocytomegaly
Lung		Congestion, Nos Hepatocellular Carcinoma, Metastatic
Peritoneum		Inflammation, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Degeneration, Cystic

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_001

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 125.0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Liver		Hepatocellular Adenoma
Lung		Fibrosarcoma, Metastatic
Lymph node	Mesenteric Lymph Node	Angiectasis
	Inguinal Lymph Node	Hyperplasia, Nos
Preputial gland		Inflammation, Suppurative
Spleen		Hematopoiesis
Thyroid	Follicle	Crystals, Nos
		Degeneration, Cystic
Unspecified	Back	Fibrosarcoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_002

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 125.0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Lymph node  
Seminal vesicle  
Stomach  
Unspecified

Mesenteric Lymph Node  
Glandular Stomach  
Multiple Organs Nos

Angiectasis  
Fibrosis  
Erosion  
Lymphoma, Undifferentiated-Malignant Type

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_003

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

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

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

---

**OBSERVATIONS**

Kidney		Nephrosis, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_004

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

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

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

---

**OBSERVATIONS**

Kidney		Nephrosis, Nos
Liver		Hepatocellular Carcinoma
Lung		Hepatocellular Carcinoma, Metastatic
Lymph node	Mesenteric Lymph Node	Angiectasis
Spleen		Hematopoiesis

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_005

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 125.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney  
Liver  
Nasal cavity

Nephrosis, Nos  
Hepatocellular Adenoma  
Foreign Body, Reaction  
Inflammation, Suppurative

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_006

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 125.0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney	Nephrosis, Nos
Liver	Hepatocellular Adenoma Hepatocellular Carcinoma
Lung	Hepatocellular Carcinoma, Metastatic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_007

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

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

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

---

**OBSERVATIONS**

Kidney

Mineralization

Lung

Nephrosis, Nos

Lymph node

Congestion, Nos

Peritoneum

Mesenteric Lymph Node

Hyperplasia, Lymphoid

Hemorrhage

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_008

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

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

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

---

**OBSERVATIONS**

Kidney		Nephrosis, Nos
Liver		Hepatocellular Adenoma
Nasal cavity		Foreign Body, Reaction
Pancreas	Islets	Islet-Cell Adenoma
Preputial gland		Inflammation, Suppurative
Unspecified	Shoulder	Hemangiosarcoma

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_009

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

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

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

**OBSERVATIONS**

Brain	Thalamus	Psammoma Bodies
Intestine Small	Mucosa, Jejunum	Adenocarcinoma, Nos
Liver		Hepatocellular Adenoma
		Necrosis, Focal
Lung		Alveolar/Bronchiolar Adenoma
Nasal cavity		Foreign Body, Reaction
		Inflammation, Suppurative
Spleen		Hematopoiesis
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Focal

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_010

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

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

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

---

**OBSERVATIONS**

Kidney	Nephrosis, Nos
Liver	Hepatocellular Adenoma
Spleen	Hemangiosarcoma
Thyroid	Hyperplasia, Follicular Cell

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_011

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

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

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

**OBSERVATIONS**

Brain	Thalamus	Psammoma Bodies
Kidney		Nephrosis, Nos
Liver		Hepatocellular Adenoma
Lymph node	Mesenteric Lymph Node	Angiectasis
Nasal cavity		Foreign Body, Reaction
Preputial gland		Inflammation, Suppurative
Skin		Degeneration, Cystic
		Inflammation, Suppurative
		Inflammation, Chronic
Spleen		Ulcer, Nos
Unspecified		Hematopoiesis
		Sarcoma, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_012

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

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

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

---

**OBSERVATIONS**

Spleen  
Unspecified

Hematopoiesis  
Sarcoma, Nos

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_013

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

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

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

---

**OBSERVATIONS**

Heart	Epicardium	Sarcoma, Nos
Kidney		Metaplasia, Osseous
		Nephrosis, Nos
Liver		Hepatocellular Adenoma
Lung		Alveolar/Bronchiolar Adenoma
Thyroid		Hyperplasia, Follicular Cell

---

**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_014

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

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

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

---

**OBSERVATIONS**

Liver		Hepatocytomegaly
		Infarct, Nos
Pancreas		Atrophy, Focal
Spleen		Hematopoiesis
Thyroid		Degeneration, Cystic
Unspecified	Multiple Organs Nos	Hemangiosarcoma

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_015

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

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

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

---

**OBSERVATIONS**

Thyroid

Degeneration, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_016

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

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

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

---

**OBSERVATIONS**

Liver	Hepatocellular Adenoma
	Pigmentation, Nos
Lung	Congestion, Nos
Nasal cavity	Foreign Body, Reaction
	Inflammation, Suppurative
Preputial gland	Degeneration, Cystic

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_017

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

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

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

**OBSERVATIONS**

Brain	Thalamus	Psammoma Bodies
Kidney		Nephrosis, Nos
Liver		Hepatocellular Adenoma
Lymph node	Bronchial Lymph Node	Hyperplasia, Lymphoid
	Mandibular Lymph Node	Hyperplasia, Lymphoid
Pancreas		Atrophy, Focal
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Focal
Thymus		Hyperplasia, Lymphoid

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_018

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 125.0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye

Nasolacrimal Duct

Inflammation, Nos

Liver

Hepatocellular Carcinoma

Lymph node

Mesenteric Lymph Node

Thrombosis, Nos

Skin

Angiectasis

Ulcer, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_019

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

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

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

---

**OBSERVATIONS**

Kidney  
Unspecified

Perineum

Nephrosis, Nos  
Inflammation, Focal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_020

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

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

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

---

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Focal
Brain	Thalamus	Psammoma Bodies
Gall bladder		Hyperplasia, Epithelial
Liver		Hepatocellular Carcinoma
Nasal cavity		Foreign Body, Reaction
		Infection, Fungal
		Inflammation, Suppurative
Testis		Mineralization
Thyroid		Hyperplasia, Follicular Cell

---

**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_021

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

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

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

**OBSERVATIONS**

Brain	Thalamus	Psammoma Bodies
Kidney		Hyperplasia, Lymphoid
		Nephrosis, Nos
Liver		Hepatocellular Adenoma
		Infarct, Nos
Lymph node	Mediastinal Lymph Node	Hyperplasia, Lymphoid
Nasal cavity		Foreign Body, Reaction
		Infection, Fungal
		Inflammation, Suppurative
Prostate		Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_022

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

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

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

---

**OBSERVATIONS**

Adrenal gland  
Brain  
Lymph node

Cortex Nos  
Thalamus  
Mesenteric Lymph Node  
Inguinal Lymph Node

Cytoplasmic Change, Eosinophilic  
Psammoma Bodies  
Angiectasis  
Pigmentation, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_023

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

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

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

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**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Lymphoma, Histiocytic-Malignant Type

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_024

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

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

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

---

**OBSERVATIONS**

Kidney		Nephrosis, Nos
Liver		Hepatocellular Carcinoma
Spleen	Red Pulp	Atrophy, Nos
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Ulcer, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_025

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

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

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

---

**OBSERVATIONS**

Brain	Thalamus	Psammoma Bodies
Intestine Small	Peyers Patch	Hyperplasia, Lymphoid
Liver		Hemangiosarcoma
Lung		Congestion, Nos
Skin		Inflammation, Chronic
		Mineralization
Spleen		Hemangiosarcoma
		Hematopoiesis
		Thrombosis, Nos
Unspecified	Tail	Fibroma

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_026

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 125.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Eye	Nasolacrimal Duct	Hyperplasia, Nos
Harderian gland	Harderian Gland	Adenoma, Nos
Kidney		Nephrosis, Nos
Liver		Necrosis, Focal
Lung		Alveolar/Bronchiolar Adenoma
Lymph node	Mesenteric Lymph Node	Angiectasis
	Mandibular Lymph Node	Hyperplasia, Nos
Tooth	Root	Inflammation, Suppurative
Unspecified	Nose	Inflammation, Focal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_027

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 125.0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Kidney

Nephrosis, Nos

Liver

Hepatocellular Carcinoma

Stomach

Forestomach

Infarct, Nos

Hyperplasia, Epithelial

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_028

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

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

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

---

**OBSERVATIONS**

Kidney		Nephrosis, Nos
Liver		Hepatocellular Carcinoma
Stomach	Forestomach	Inflammation, Focal

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_029

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

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

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

---

**OBSERVATIONS**

Brain	Thalamus
Kidney	
Unspecified	Multiple Organs Nos

Psammoma Bodies
Nephrosis, Nos
Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_030

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

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

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

**OBSERVATIONS**

Brain	Thalamus	Psammoma Bodies
Intestine Small	Mesentery Nos	Hepatocellular Carcinoma, Invasive
Liver		Hepatocellular Carcinoma
Lung		Alveolar/Bronchiolar Carcinoma
		Hepatocellular Carcinoma, Metastatic
Lymph node	Mesenteric Lymph Node	Angiectasis
	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Thyroid		Follicular-Cell Adenoma

**PRIMARY CAUSE OF DEATH**

-



**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_031

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

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

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

**OBSERVATIONS**

Brain	Thalamus	Psammoma Bodies
Kidney		Nephrosis, Nos
Liver		Hepatocellular Carcinoma
		Leukocytosis, Nos
		Pigmentation, Nos
Lung		Congestion, Nos
		Hepatocellular Carcinoma, Metastatic
Lymph node	Mesenteric Lymph Node	Angiectasis
Preputial gland		Inflammation, Suppurative
Spleen		Hematopoiesis
Thyroid		Hyperplasia, Follicular Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_032

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

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

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

---

**OBSERVATIONS**

Brain	Thalamus	Psammoma Bodies
Liver		Hepatocellular Adenoma
Spleen		Hematopoiesis
Thyroid		Degeneration, Cystic
Unspecified	Multiple Organs Nos	Inflammation, Suppurative
	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_033

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Blood vessel	Aorta Nos	Metaplasia, Cartilaginous
Brain	Thalamus	Psammoma Bodies
Heart		Fibrosis
Kidney		Nephrosis, Nos
Pancreas		Atrophy, Focal
Preputial gland		Degeneration, Cystic
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Focal
Thyroid		Follicular-Cell Carcinoma
Tooth	Root	Dysplasia, Nos
	Root	Inflammation, Suppurative

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_034

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

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

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

---

**OBSERVATIONS**

Adrenal gland  
Brain  
Eye  
Harderian gland  
Kidney  
Liver

Capsule  
Thalamus  
Nasolacrimal Duct  
Hardarian Gland

Adenoma, Nos  
Psammoma Bodies  
Hyperplasia, Nos  
Adenoma, Nos  
Mineralization  
Hepatocellular Adenoma

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_035

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 125.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Brain	Thalamus	Psammoma Bodies
Liver		Cyst, Nos
		Hemangiosarcoma
		Hepatocellular Carcinoma
Preputial gland		Degeneration, Cystic
		Inflammation, Suppurative
Spleen		Hemangiosarcoma
Tooth	Root	Dysplasia, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_036

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

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

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

---

**OBSERVATIONS**

Brain  
Kidney  
Preputial gland  
Spleen

Thalamus

Psammoma Bodies  
Hyperplasia, Lymphoid  
Inflammation, Suppurative  
Hyperplasia, Lymphoid

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_037

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 125.0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver  
Lymph node  
Pancreas  
Preputial gland  
Spleen  
Thyroid  
Unspecified

Capsule

Mesenteric Lymph Node

Adenoma, Nos  
Nephrosis, Nos  
Hepatocellular Adenoma  
Angiectasis  
Atrophy, Focal  
Inflammation, Suppurative  
Hematopoiesis  
Degeneration, Cystic  
Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_038

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 125.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Nephrosis, Nos

Liver

Hepatocellular Carcinoma

Lung

Infarct, Nos

Hyperplasia, Lymphoid

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_039

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

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

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

---

**OBSERVATIONS**

Brain	Thalamus	Psammoma Bodies
Skin		Inflammation, Chronic
Testis		Atrophy, Nos
	Tunica Vaginalis	Inflammation, Chronic
Thyroid		Follicular-Cell Adenoma
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_040

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

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

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

**OBSERVATIONS**

Adrenal gland	Periadrenal Tissue	Alveolar/Bronchiolar Carcinoma, Metastatic
Brain	Thalamus	Psammoma Bodies
Kidney		Nephrosis, Nos
Liver		Hepatocellular Adenoma
Lung		Alveolar/Bronchiolar Carcinoma
Lymph node	Mesenteric Lymph Node	Angiectasis
Stomach	Forestomach	Squamous Cell Papilloma

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_041

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 125.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Lung

Alveolar/Bronchiolar Carcinoma

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_042

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

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

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

---

**OBSERVATIONS**

Kidney		Nephrosis, Nos
Liver		Hepatocellular Adenoma
Lung	Alveoli	Histiocytosis
		Inflammation, Chronic Focal
Lymph node	Mesenteric Lymph Node	Angiectasis
Preputial gland		Degeneration, Cystic
Thyroid		Hyperplasia, Follicular Cell

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_043

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 125.0 MG/KG

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Liver

Hepatocellular Carcinoma

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_044

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

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

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

---

**OBSERVATIONS**

Kidney  
Liver

Nephrosis, Nos  
Hepatocellular Adenoma  
Nuclear Alteration

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_045

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

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

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

---

**OBSERVATIONS**

Brain	Thalamus	Psammoma Bodies
Kidney		Mineralization
		Nephrosis, Nos
Liver		Hepatocellular Adenoma

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_046

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 125.0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Nephrosis, Nos

Liver

Hepatocellular Carcinoma

Spleen

Hematopoiesis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_047

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

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

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

---

**OBSERVATIONS**

Brain	Thalamus	Psammoma Bodies
Epididymis		Inflammation, Chronic
Liver		Hepatocellular Adenoma
Lymph node	Mesenteric Lymph Node	Angiectasis
Stomach	Forestomach	Squamous Cell Papilloma
Thyroid		Hyperplasia, Follicular Cell

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_048

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

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

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

---

**OBSERVATIONS**

Adrenal gland	Capsule	Adenoma, Nos
Brain	Thalamus	Psammoma Bodies
Kidney		Nephrosis, Nos
Liver		Hepatocellular Carcinoma
Lymph node	Mesenteric Lymph Node	Angiectasis
Stomach	Forestomach	Hyperplasia, Epithelial

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_049

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

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

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

---

**OBSERVATIONS**

Adrenal gland  
Liver

Capsule

Hyperplasia, Focal  
Hemangiosarcoma  
Hepatocellular Carcinoma

Lymph node  
Stomach

Mesenteric Lymph Node  
Forestomach  
Forestomach

Angiectasis  
Hyperplasia, Epithelial  
Inflammation, Focal

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_050

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 125.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Liver

Hepatoblastoma

Thyroid

Hepatocellular Adenoma

Unspecified

Multiple Organs Nos

Follicular-Cell Adenoma

Lymphoma, Mixed-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_001

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

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

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

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**OBSERVATIONS**

Kidney  
Preputial gland  
Thyroid

Nephrosis, Nos  
Degeneration, Cystic  
Cystic Follicles

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_002

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

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

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

---

**OBSERVATIONS**

Liver  
Spleen  
Unspecified

Necrosis, Focal  
Hematopoiesis  
Sarcoma, Nos

Multiple Organs Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_003

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

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

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

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**OBSERVATIONS**

Brain	Thalamus	Psammoma Bodies
Kidney		Nephrosis, Nos
Liver		Hepatocellular Carcinoma
Lung		Hyperplasia, Lymphoid
Spleen		Hematopoiesis
Unspecified	Multiple Organs Nos	Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_004

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

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

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

---

**OBSERVATIONS**

Brain	Thalamus	Psammoma Bodies
Eye	Nasolacrimal Duct	Inflammation, Nos
Harderian gland	Harderian Gland	Adenoma, Nos
Kidney		Nephrosis, Nos
Liver		Adenocarcinoma, Nos, Metastatic
		Hepatocellular Adenoma
Preputial gland		Degeneration, Cystic
Spleen		Hyperplasia, Lymphoid
Stomach	Fundal Gland	Adenocarcinoma, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_005

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

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

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

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**OBSERVATIONS**

Brain	Thalamus	Psammoma Bodies
Kidney		Nephrosis, Nos
Liver		Hepatocellular Adenoma
		Hepatocellular Carcinoma
Lung		Hepatocellular Carcinoma, Metastatic
Preputial gland		Degeneration, Cystic
Spleen		Hematopoiesis
Testis		Atrophy, Nos
Thyroid		Hyperplasia, Follicular Cell

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_006

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

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

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

**OBSERVATIONS**

Harderian gland  
Intestine Small

Harderian Gland  
Ileum  
Jejunum  
Mandibular Lymph Node

Lymph node  
Nasal cavity

Carcinoma, Nos  
Adenocarcinoma, Nos  
Intussusception  
Carcinoma, Nos, Metastatic  
Infection, Fungal  
Inflammation, Suppurative  
Hyperplasia, Epithelial  
Ulcer, Nos

Stomach

Forestomach  
Forestomach

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_007

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

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

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

**OBSERVATIONS**

Brain  
Kidney  
Lung  
Lymph node  
Preputial gland

Thalamus  
  
Bronchiole  
Mesenteric Lymph Node

Psammoma Bodies  
Nephrosis, Nos  
Inflammation, Suppurative  
Angiectasis  
Degeneration, Cystic  
Inflammation, Suppurative  
Hyperplasia, Follicular Cell  
Dysplasia, Nos

Thyroid  
Tooth

Root

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_008

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

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

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

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**OBSERVATIONS**

Intestine Small  
Kidney  
Liver  
Lymph node  
Pancreas  
Unspecified

Peyers Patch  
  
Mesenteric Lymph Node  
  
Nose

Hyperplasia, Lymphoid  
Nephrosis, Nos  
Hepatocellular Adenoma  
Angiectasis  
Atrophy, Focal  
Inflammation, Focal

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_009

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

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

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

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Focal
Brain	Thalamus	Psammoma Bodies
Kidney		Nephrosis, Nos
Lymph node	Mesenteric Lymph Node	Angiectasis
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Focal
Thyroid		Hyperplasia, Follicular Cell

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_010

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

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

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

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**OBSERVATIONS**

Brain	Thalamus	Psammoma Bodies
Kidney		Hyperplasia, Lymphoid
		Nephrosis, Nos
Liver		Hepatocellular Carcinoma
Lymph node	Mesenteric Lymph Node	Angiectasis
Pituitary gland	Anterior Pituitary	Cyst, Embryonal Duct

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_011

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

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

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

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**OBSERVATIONS**

Adrenal gland  
Brain  
Kidney  
Liver  
Lymph node  
Preputial gland

Capsule  
Thalamus  
  
Mesenteric Lymph Node

Hyperplasia, Focal  
Psammoma Bodies  
Nephrosis, Nos  
Hepatocellular Adenoma  
Angiectasis  
Degeneration, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_012

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

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

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

---

**OBSERVATIONS**

Kidney	Nephrosis, Nos
Liver	Hepatocellular Carcinoma
Preputial gland	Degeneration, Cystic
Spleen	Hematopoiesis

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_013

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

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

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

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**OBSERVATIONS**

Brain	Thalamus	Psammoma Bodies
Kidney		Nephrosis, Nos
Liver		Hepatocellular Adenoma
Lung		Congestion, Nos
Stomach	Forestomach	Hyperplasia, Epithelial
Tooth	Root	Dysplasia, Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_014

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

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

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

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**OBSERVATIONS**

Brain  
Kidney  
Tooth

Thalamus  
  
Root

Psammoma Bodies  
Nephrosis, Nos  
Dysplasia, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_015

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

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

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

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**OBSERVATIONS**

Brain	Thalamus	Psammoma Bodies
Kidney		Nephrosis, Nos
Tooth	Root	Dysplasia, Nos
	Root	Inflammation, Suppurative

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_016

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

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

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

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**OBSERVATIONS**

Brain  
Intestine Small

Thalamus  
Ileum  
Jejunum

Liver  
Lymph node  
Spleen  
Unspecified

Mesenteric Lymph Node  
Multiple Organs Nos

Psammoma Bodies  
Adenocarcinoma, Nos  
Inflammation, Pyogranulomatous  
Necrosis, Focal  
Angiectasis  
Hematopoiesis  
Lymphoma, Histiocytic-Malignant Type

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_017

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

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

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

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**OBSERVATIONS**

Brain	Thalamus	Psammoma Bodies
Kidney		Nephrosis, Nos
Liver		Hepatocellular Adenoma
Lung		Congestion, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_018

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

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

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

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**OBSERVATIONS**

Brain	Thalamus	Psammoma Bodies
Kidney		Nephrosis, Nos
Liver	Centrilobular	Metamorphosis, Fatty
Lung		Alveolar/Bronchiolar Adenoma
		Congestion, Nos
Thyroid		Cystic Follicles
Tooth	Root	Dysplasia, Nos
	Root	Necrosis, Focal

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_019

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

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

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

---

**OBSERVATIONS**

Kidney		Nephrosis, Nos
Liver		Hepatocellular Adenoma
Stomach	Forestomach	Hyperplasia, Epithelial
Tooth	Root	Dysplasia, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_020

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

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

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

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**OBSERVATIONS**

Brain  
Intestine Small  
Kidney  
Preputial gland  
Spleen  
Tooth

Thalamus  
Jejunum  
  
  
  
Root

Psammoma Bodies  
Lymphoma, Mixed-Malignant Type  
Nephrosis, Nos  
Degeneration, Cystic  
Hematopoiesis  
Dysplasia, Nos

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_021

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

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

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

**OBSERVATIONS**

Brain  
Intestine Small  
Kidney  
Salivary gland  
Thyroid  
Unspecified

Thalamus  
Mesentery Nos  
Tubule  
  
Neck  
Multiple Organs Nos  
Mediastinum Nos

Psammoma Bodies  
Periarteritis  
Degeneration, Hyaline  
Atrophy, Nos  
Hyperplasia, Follicular Cell  
Hemangiosarcoma  
Lymphoma, Histiocytic-Malignant Type  
Periarteritis

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_022

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

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

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

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**OBSERVATIONS**

Kidney  
Preputial gland

Nephrosis, Nos  
Inflammation, Suppurative

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_023

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

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

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

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**OBSERVATIONS**

Brain	Thalamus	Psammoma Bodies
Kidney		Nephrosis, Nos
Liver		Cytoplasmic Vacuolization
Lymph node	Mesenteric Lymph Node	Angiectasis
Stomach	Forestomach	Hyperplasia, Epithelial

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_024

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

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

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

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**OBSERVATIONS**

Kidney		Nephrosis, Nos
Liver		Hepatocellular Carcinoma
Lung		Aspiration, Foreign Body
		Hepatocellular Carcinoma, Metastatic
	Alveoli	Histiocytosis
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Spleen		Hematopoiesis

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_025

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

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

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

**OBSERVATIONS**

Brain	Thalamus	Psammoma Bodies
Kidney		Nephrosis, Nos
Liver		Hemangiosarcoma
		Hepatocellular Adenoma
Lymph node	Mesenteric Lymph Node	Angiectasis
	Mandibular Lymph Node	Hyperplasia, Lymphoid
	Mesenteric Lymph Node	Lymphoma, Mixed-Malignant Type
Seminal vesicle		Dilatation, Nos
Testis		Atrophy, Nos
Thymus		Hyperplasia, Epithelial
Thyroid		Degeneration, Cystic
Tooth	Root	Dysplasia, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_026

**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
Brain	Thalamus	Psammoma Bodies
Kidney		Nephrosis, Nos
Liver	Centrilobular	Metamorphosis, Fatty
Nasal cavity		Inflammation, Suppurative
Thyroid		Hyperplasia, Follicular Cell
Tooth	Root	Dysplasia, Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_027

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

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

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

**OBSERVATIONS**

Brain  
Kidney  
Seminal vesicle

Thalamus

Psammoma Bodies  
Nephrosis, Nos  
Dilatation, Nos  
Inflammation, Chronic  
Hyperplasia, Epithelial  
Inflammation, Focal  
Degeneration, Cystic  
Follicular-Cell Adenoma  
Dysplasia, Nos

Stomach

Forestomach  
Forestomach

Thyroid

Tooth

Root

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_028

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

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

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

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**OBSERVATIONS**

Adrenal gland  
Brain  
Kidney

Capsule  
Thalamus

Adenoma, Nos  
Psammoma Bodies  
Nephrosis, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_029

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

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

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

---

**OBSERVATIONS**

Brain	Thalamus	Psammoma Bodies
Liver		Hepatocellular Adenoma
Nasal cavity		Foreign Body, Reaction
		Inflammation, Suppurative
Seminal vesicle		Dilatation, Nos
Tooth	Root	Dysplasia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_030

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

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

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

---

**OBSERVATIONS**

Brain  
Kidney  
Seminal vesicle  
Skin

Thalamus

Psammoma Bodies  
Nephrosis, Nos  
Dilatation, Nos  
Ulcer, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_031

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

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

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

---

**OBSERVATIONS**

Kidney		Nephrosis, Nos
Lung		Alveolar/Bronchiolar Adenoma
Nasal cavity		Foreign Body, Reaction
		Inflammation, Suppurative
Stomach	Forestomach	Hyperkeratosis
Thymus		Cyst, Embryonal Duct
Tooth	Root	Dysplasia, Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_032

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

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

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

---

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Brain	Thalamus	Psammoma Bodies
Kidney	Pelvis	Dilatation, Nos
		Nephrosis, Nos
Unspecified	Nose	Inflammation, Focal

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_033

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

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

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

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**OBSERVATIONS**

Brain  
Harderian gland  
Kidney  
Liver  
Nasal cavity

Thalamus  
Hardarian Gland

Psammoma Bodies  
Adenoma, Nos  
Nephrosis, Nos  
Hepatocellular Adenoma  
Foreign Body, Reaction

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_034

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

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

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

---

**OBSERVATIONS**

Kidney		Nephrosis, Nos
Lung	Bronchus	Hyperplasia, Epithelial
Lymph node	Mesenteric Lymph Node	Angiectasis
Thyroid		Follicular-Cell Adenoma
Urinary bladder	Mucosa	Inflammation, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_035

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

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

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

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**OBSERVATIONS**

Adrenal gland  
Kidney

Capsule

Hyperplasia, Diffuse  
Nephrosis, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_036

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

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

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

---

**OBSERVATIONS**

Adrenal gland  
Kidney

Capsule

Hyperplasia, Focal  
Nephrosis, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_037

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

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

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

---

**OBSERVATIONS**

Kidney	Nephrosis, Nos
Liver	Hepatocellular Carcinoma
	Infarct, Nos
	Thrombosis, Nos
Lung	Hepatocellular Carcinoma, Metastatic
Seminal vesicle	Atrophy, Focal

---

**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_038

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

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

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

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**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Brain	Thalamus	Psammoma Bodies
Kidney		Nephrosis, Nos
Lung		Alveolar/Bronchiolar Adenoma
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_039

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

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

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

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**OBSERVATIONS**

Brain	Thalamus	Psammoma Bodies
Eye	Nasolacrimal Duct	Inflammation, Nos
Harderian gland	Harderian Gland	Adenoma, Nos
Liver		Hepatocellular Carcinoma
		Infarct, Nos
Spleen		Hyperplasia, Lymphoid

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_040

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

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

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

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**OBSERVATIONS**

Adrenal gland  
Kidney  
Preputial gland  
Stomach

Capsule  
  
Cardiac Gland

Adenoma, Nos  
Nephrosis, Nos  
Inflammation, Suppurative  
Dilatation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_041

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

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

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

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**OBSERVATIONS**

Intestine Small  
Kidney  
Lung  
Lymph node  
Spleen  
Thyroid  
Tooth  
Unspecified

Mesentery Nos  
  
Iliac Lymph Node  
  
Root

Angiectasis  
Nephrosis, Nos  
Alveolar/Bronchiolar Adenoma  
Hyperplasia, Lymphoid  
Hematopoiesis  
Degeneration, Cystic  
Dysplasia, Nos  
Sarcoma, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_042

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

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

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

---

**OBSERVATIONS**

Brain	Thalamus	Psammoma Bodies
Liver		Hepatocellular Carcinoma
Lung		Hepatocellular Carcinoma, Metastatic
Nasal cavity		Inflammation, Suppurative

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_043

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

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

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

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**OBSERVATIONS**

Brain	Thalamus	Psammoma Bodies
Kidney		Nephrosis, Nos
Liver		Hepatocellular Carcinoma

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_044

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

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

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

---

**OBSERVATIONS**

Brain	Thalamus	Psammoma Bodies
Kidney		Nephrosis, Nos
Liver		Hepatocellular Adenoma
		Hepatocellular Carcinoma
		Thrombosis, Nos
Stomach	Forestomach	Hyperplasia, Epithelial

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_045

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

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

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

---

**OBSERVATIONS**

Liver  
Urinary bladder

Cytoplasmic Vacuolization  
Congestion, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_046

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

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

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

---

**OBSERVATIONS**

Brain	Thalamus	Psammoma Bodies
Liver		Inflammation, Focal
Pancreas	Islets	Hyperplasia, Nos
Thyroid		Degeneration, Cystic
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_047

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

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

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

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**OBSERVATIONS**

Adrenal gland  
Brain  
Kidney

Capsule  
Thalamus

Hyperplasia, Focal  
Psammoma Bodies  
Mineralization  
Nephrosis, Nos  
Inflammation, Suppurative  
Follicular-Cell Carcinoma

Preputial gland  
Thyroid

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_048

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

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

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

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**OBSERVATIONS**

Brain	Thalamus	Psammoma Bodies
Kidney		Nephrosis, Nos
Liver		Hepatocellular Carcinoma
Lung		Alveolar/Bronchiolar Adenoma
Spleen		Hematopoiesis
Stomach	Forestomach	Hyperplasia, Epithelial

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_049

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

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

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

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**OBSERVATIONS**

Brain	Thalamus	Psammoma Bodies
Kidney		Nephrosis, Nos
Lymph node	Mesenteric Lymph Node	Angiectasis
	Inguinal Lymph Node	Hyperplasia, Nos
Nasal cavity		Foreign Body, Reaction
		Inflammation, Suppurative
Skin		Sebaceous Adenoma
Spleen		Hematopoiesis

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C53587  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chlorinated paraffins: C12, 60% chlorine  
**CAS Number:** 108171-26-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:19:05  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_050

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

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

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

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**OBSERVATIONS**

Lung  
Unspecified

Mediastinum Nos  
Mediastinum Nos

Congestion, Nos  
Foreign Body, Nos  
Inflammation, Acute

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**PRIMARY CAUSE OF DEATH**

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