

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

**C Number:** C55787

**Cage Range:** All

**Date Range:** All

**Reasons For Removal:** All

**Removal Date Range:** All

**Treatment Groups:** All

**Study Gender:** Female

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

---

**ANIMAL ID:** 1\_051

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 125.0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Esophagus

Liver

Lung

Spleen

Stomach

Glandular Stomach

Forestomach

Hemorrhage

Metamorphosis, Fatty

Congestion, Nos

Hemosiderosis

Cyst, Multiple

Ulcer, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

**ANIMAL ID:** 1\_052

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 125.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Angiectasis
	Cortex Nos	Hyperplasia, Focal
Eye	Retina	Atrophy, Nos
	Lens, Cortex	Cataract
Heart	Myocardium Nos	Fibrosis
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Granuloma, Nos
Lung		Alveolar Macrophages
Mammary gland		Hyperplasia, Cystic
Nasal cavity		Inflammation, Active Chronic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Salivary gland		Atrophy, Nos
	Submaxillary Duct	Dysplasia, Epithelial
Thyroid		Hyperplasia, C Cell
Uterus	Endometrial Gland	Cyst, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C55787

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 4-Hexylresorcinol

CAS Number: 136-77-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:43:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1\_053

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 125.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Angiectasis
Eye	Retina	Atrophy, Nos
	Lens, Cortex	Cataract
Heart	Myocardium Nos	Degeneration, Nos
	Myocardium Nos	Fibrosis
Kidney		Nephropathy
Liver		Angiectasis
		Clear-Cell Change
		Cytoplasmic Change, Basophilic
		Cytoplasmic Change, Nos
	Periportal Bile Ductule	Hyperplasia, Nos
Mammary gland		Hyperplasia, Cystic
Ovary		Cyst, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Nos
Salivary gland	Submaxillary Duct	Dysplasia, Epithelial
Stomach	Glandular Stomach	Cyst, Multiple
Thyroid		Hyperplasia, C Cell
Unspecified	Adipose Tissue	Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

**ANIMAL ID:** 1\_054

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 125.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos	Angiectasis Hyperplasia, Focal Hyperplasia, Nos
Bone marrow		Atrophy, Nos
Eye	Retina	Cataract
Heart	Lens, Cortex	Fibrosis
Kidney	Myocardium Nos	Nephropathy
Liver		Cytoplasmic Change, Basophilic Granuloma, Nos
Mammary gland		Galactocele Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Salivary gland	Submaxillary Duct	Dysplasia, Epithelial
Skin		Keratoacanthoma
Stomach	Glandular Stomach	Cyst, Multiple
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

**ANIMAL ID:** 1\_055

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 125.0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Angiectasis
	Cortex Nos	Degeneration, Lipoid
Bone marrow		Hyperplasia, Nos
Brain	Meninges	Granular-Cell Tumor, Nos
Clitoral gland		Carcinoma, Nos
Eye	Retina	Atrophy, Nos
	Lens, Cortex	Cataract
Heart	Myocardium Nos	Fibrosis
Liver		Cytoplasmic Change, Basophilic
	Periportal Bile Ductule	Hyperplasia, Nos
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Cyst, Nos
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Cyst, Multiple
	Forestomach	Edema, Nos
	Forestomach	Inflammation, Active Chronic
Unspecified		Fibroma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

---

**ANIMAL ID:** 1\_056

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 125.0 MG/KG

**DISP:** Dosing Accident

**HISTO:**

---

**OBSERVATIONS**

Lung

Edema, Nos

Uterus

Emphysema, Nos

Hydrometra

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

**ANIMAL ID:** 1\_057

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 125.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Angiectasis
	Cortex Nos	Hyperplasia, Focal
Bone marrow		Hyperplasia, Nos
Eye	Retina	Atrophy, Nos
	Lens, Cortex	Cataract
Heart	Myocardium Nos	Fibrosis
	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Periportal Bile Ductule	Hyperplasia, Nos
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Cyst, Multiple
Thyroid		Hyperplasia, C Cell
Unspecified	Adipose Tissue	Necrosis, Fat
Uterus		Endometrial Stromal Polyp

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

**ANIMAL ID:** 1\_058

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 125.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos Medulla	Angiectasis Hyperplasia, Focal Pheochromocytoma
Eye	Retina Lens, Cortex	Atrophy, Nos Cataract
Heart	Myocardium Nos	Fibrosis
Kidney		Nephropathy
Liver		Clear-Cell Change Cytoplasmic Change, Basophilic Cytoplasmic Vacuolization
Lung	Bronchiole	Alveolar Macrophages Fibrosis
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Cyst, Nos
Salivary gland	Submaxillary Duct	Dysplasia, Epithelial
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Cyst, Multiple
Thyroid		Hyperplasia, C Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

**ANIMAL ID:** 1\_059

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 125.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Angiectasis
Eye	Retina	Atrophy, Nos
	Lens, Cortex	Cataract
Heart	Myocardium Nos	Fibrosis
	Myocardium Nos	Inflammation, Chronic
Liver		Angiectasis
		Clear-Cell Change
		Cytoplasmic Change, Basophilic
	Periportal Bile Ductule	Hyperplasia, Nos
Lung		Alveolar Macrophages
		Hyperplasia, Adenomatous
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hematopoiesis
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type
Urinary bladder		Hyperplasia, Epithelial

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

---

**ANIMAL ID:** 1\_060

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 125.0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Angiectasis

Cortex Nos

Hyperplasia, Focal

Bone marrow

Hyperplasia, Nos

Clitoral gland

Atrophy, Nos

Heart

Myocardium Nos

Fibrosis

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Mammary gland

Fibroadenoma

Spleen

Hyperplasia, Cystic

Stomach

Glandular Stomach

Hematopoiesis

Thyroid

Cyst, Multiple

Unspecified

Hyperplasia, C Cell

Uterus

Endometrial Gland

Sarcoma, Nos

Cyst, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C55787

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 4-Hexylresorcinol

CAS Number: 136-77-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:43:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1\_061

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 125.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Angiectasis Pheochromocytoma
Brain		Hydrocephalus, Nos
Clitoral gland		Atrophy, Nos
Eye	Retina	Atrophy, Nos
Heart	Lens, Cortex	Cataract
Kidney	Myocardium Nos	Fibrosis
Liver		Nephropathy
		Clear-Cell Change
		Cytoplasmic Change, Basophilic
	Periportal Bile Ductule	Hyperplasia, Nos
		Metamorphosis, Fatty
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Salivary gland	Submaxillary Duct	Dysplasia, Epithelial
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Cyst, Multiple
	Forestomach	Edema, Nos
	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Active Chronic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

**ANIMAL ID:** 1\_062

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 125.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Angiectasis
Eye	Retina	Atrophy, Nos
	Lens, Cortex	Cataract
Heart	Myocardium Nos	Fibrosis
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Cytoplasmic Vacuolization
Lung		Perivascular Cuffing
Mammary gland		Fibroadenoma
Nasal cavity		Inflammation, Active Chronic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Salivary gland	Submaxillary Duct	Dysplasia, Epithelial
Stomach	Glandular Stomach	Cyst, Multiple
Thymus		Cyst, Nos
Thyroid		Hyperplasia, C Cell
Uterus	Endometrial Gland	Cyst, Nos
		Hyperplasia, Epithelial

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

**ANIMAL ID:** 1\_063

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 125.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Angiectasis
	Cortex Nos	Hyperplasia, Focal
	Medulla	Hyperplasia, Focal
Eye	Retina	Atrophy, Nos
	Lens, Cortex	Cataract
Heart	Myocardium Nos	Fibrosis
Kidney		Nephropathy
Liver		Clear-Cell Change
		Cytoplasmic Change, Basophilic
	Periportal Bile Ductule	Hyperplasia, Nos
Lung		Alveolar Macrophages
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Nos
Salivary gland	Submaxillary Duct	Dysplasia, Epithelial
Skin		Cyst, Epidermal Inclusion
Thyroid		Hyperplasia, C Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

---

**ANIMAL ID:** 1\_064

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 125.0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Degeneration, Nos
Lung		Alveolar Macrophages
Mammary gland		Fibroadenoma
Uterus		Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

**ANIMAL ID:** 1\_065

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 125.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Angiectasis
	Cortex Nos	Hyperplasia, Focal
Eye	Retina	Atrophy, Nos
	Lens, Cortex	Cataract
Heart	Myocardium Nos	Degeneration, Nos
	Myocardium Nos	Fibrosis
	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver		Clear-Cell Change
		Cytoplasmic Change, Basophilic
		Granuloma, Nos
	Periportal Bile Ductule	Hyperplasia, Nos
Lung		Perivascular Cuffing
Mammary gland		Hyperplasia, Cystic
Stomach	Glandular Stomach	Cyst, Multiple
Uterus		Endometrial Stromal Polyp

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

---

**ANIMAL ID:** 1\_066

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 125.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Angiectasis

Eye

Cortex Nos

Hyperplasia, Focal

Retina

Atrophy, Nos

Lens, Cortex

Cataract

Kidney

Nephropathy

Liver

Clear-Cell Change

Cytoplasmic Change, Basophilic

Pituitary gland

Periportal Bile Ductule

Hyperplasia, Nos

Anterior Pituitary

Adenoma, Nos

Anterior Pituitary

Cyst, Nos

Salivary gland

Atrophy, Nos

Uterus

Submaxillary Duct

Dysplasia, Epithelial

Endometrium

Hyperplasia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

**ANIMAL ID:** 1\_067

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 125.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Angiectasis
Eye	Retina	Atrophy, Nos
	Lens, Cortex	Cataract
Heart	Myocardium Nos	Fibrosis
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Granuloma, Nos
	Periportal Bile Ductule	Hyperplasia, Nos
Lung		Hyperplasia, Adenomatous
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Salivary gland	Submaxillary Duct	Dysplasia, Epithelial
Uterus	Endometrial Gland	Cyst, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

---

**ANIMAL ID:** 1\_068

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 125.0 MG/KG

**DISP:** Dosing Accident

**HISTO:**

---

**OBSERVATIONS**

Liver

Hernia, Nos

Lung

Nuclear Alteration

Uterus

Edema, Nos

Hydrometra

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C55787

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 4-Hexylresorcinol

CAS Number: 136-77-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:43:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1\_069

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 125.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Angiectasis
Bone marrow		Fibrosis, Myelo
Eye	Retina	Atrophy, Nos
	Lens, Cortex	Cataract
Heart	Myocardium Nos	Fibrosis
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Cytoplasmic Change, Nos
		Cytoplasmic Vacuolization
	Periportal Bile Ductule	Hyperplasia, Nos
		Neoplastic Nodule
Lung		Alveolar Macrophages
	Bronchiole	Fibrosis
		Perivascular Cuffing
Mammary gland		Fibroadenoma
		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Stomach	Glandular Stomach	Cyst, Multiple
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C55787

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 4-Hexylresorcinol

CAS Number: 136-77-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:43:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1\_070

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 125.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Angiectasis
	Cortex Nos	Cytomegaly
	Cortex Nos	Hyperplasia, Focal
Clitoral gland		Carcinoma, Nos
Eye	Retina	Atrophy, Nos
	Lens, Cortex	Cataract
	Cornea	Cyst, Epidermal Inclusion
Heart	Myocardium Nos	Fibrosis
	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Cytoplasmic Vacuolization
	Periportal Bile Ductule	Hyperplasia, Nos
Lung		Perivascular Cuffing
Mammary gland		Hyperplasia, Cystic
Pancreas		Ectopia
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Stomach	Glandular Stomach	Cyst, Multiple
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

**ANIMAL ID:** 1\_071

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 125.0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Angiectasis
Brain		Hydrocephalus, Nos
Eye	Retina	Atrophy, Nos
	Lens, Cortex	Cataract
Kidney	Tubule	Metamorphosis, Fatty
Liver	Centrilobular	Cytoplasmic Vacuolization
	Periportal Bile Ductule	Hyperplasia, Nos
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hemosiderosis
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Ulcer, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

**ANIMAL ID:** 1\_072

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 125.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Angiectasis

Bone marrow

Granuloma, Nos

Eye

Retina

Atrophy, Nos

Lens, Cortex

Cataract

Myocardium Nos

Fibrosis

Heart

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Cytoplasmic Change, Nos

Granuloma, Nos

Periportal Bile Ductule

Hyperplasia, Nos

Mammary gland

Hyperplasia, Cystic

Pancreas

Acinus

Atrophy, Nos

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Stomach

Glandular Stomach

Cyst, Multiple

Uterus

Endometrial Stromal Polyp

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

---

**ANIMAL ID:** 1\_073

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 125.0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic Granuloma, Nos
Lung	Bronchiole	Hyperplasia, Epithelial
	Bronchiole	Inflammation, Acute/Chronic
Pituitary gland	Anterior Pituitary	Cyst, Nos
Uterus		Hydrometra

---

**PRIMARY CAUSE OF DEATH**

-

---



**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

---

**ANIMAL ID:** 1\_074

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 125.0 MG/KG

**DISP:** Dosing Accident

**HISTO:**

---

**OBSERVATIONS**

Lung

Edema, Nos

Uterus

Emphysema, Nos

Hydrometra

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

**ANIMAL ID:** 1\_075

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 125.0 MG/KG

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Necrosis, Coagulative
Clitoral gland		Atrophy, Nos
Eye	Retina	Atrophy, Nos
	Lens, Cortex	Cataract
Kidney		Nephropathy
Liver	Periportal Bile Ductule	Hyperplasia, Nos
Lung		Alveolar Macrophages
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Nos
Salivary gland		Atrophy, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus		Hematometra

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

**ANIMAL ID:** 1\_076

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 125.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Angiectasis
Bone marrow		Hyperplasia, Nos
Clitoral gland		Carcinoma, Nos
Eye	Retina	Atrophy, Nos
	Lens, Cortex	Cataract
	Cornea	Synechia, Anterior
Kidney		Nephropathy
Liver	Periportal Bile Ductule	Hyperplasia, Nos
Lung		Alveolar Macrophages
	Bronchiole	Fibrosis
Mammary gland		Hyperplasia, Cystic
Nasal cavity		Inflammation, Active Chronic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Uterus		Endometrial Stromal Polyp

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

**ANIMAL ID:** 1\_077

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 125.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Angiectasis
Eye	Retina	Atrophy, Nos
	Lens, Cortex	Cataract
Heart	Myocardium Nos	Fibrosis
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Cytoplasmic Vacuolization
		Granuloma, Nos
Lung	Bronchiole	Fibrosis
Mammary gland		Hyperplasia, Cystic
Nasal cavity		Inflammation, Active Chronic
		Metaplasia, Squamous
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Carcinoma, Nos
Stomach	Glandular Stomach	Cyst, Multiple
Thyroid		C-Cell Adenoma
		Hyperplasia, C Cell
Uterus		Endometrial Stromal Polyp

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

**ANIMAL ID:** 1\_078

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 125.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Angiectasis
	Cortex Nos	Hyperplasia, Focal
Eye	Retina	Atrophy, Nos
	Lens, Cortex	Cataract
Heart	Myocardium Nos	Fibrosis
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Cytoplasmic Change, Nos
		Cytoplasmic Vacuolization
		Granuloma, Nos
		Metamorphosis, Fatty
Lung		Alveolar Macrophages
		Pneumonia, Aspiration
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Nos
Salivary gland	Submaxillary Duct	Dysplasia, Epithelial
Thyroid		Hyperplasia, C Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

---

**ANIMAL ID:** 1\_079

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 125.0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Heart

Lung

Nasal cavity

Spleen

Myocardium Nos

Myocardium Nos

Congestion, Nos

Degeneration, Nos

Inflammation, Chronic

Alveolar Macrophages

Inflammation, Chronic

Inflammation, Active Chronic

Hemosiderosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

---

**ANIMAL ID:** 1\_080

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 125.0 MG/KG

**DISP:** Dosing Accident

**HISTO:**

---

**OBSERVATIONS**

Lung

Congestion, Nos

Lymph node

Mandibular Lymph Node

Hyperplasia, Lymphoid

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

---

**ANIMAL ID:** 1\_081

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 125.0 MG/KG

**DISP:** Dosing Accident

**HISTO:**

---

**OBSERVATIONS**

Lung

Edema, Nos

Emphysema, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

**ANIMAL ID:** 1\_082

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 125.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Angiectasis
Eye	Retina	Atrophy, Nos
	Lens, Cortex	Cataract
Heart	Myocardium Nos	Fibrosis
	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Periportal Bile Ductule	Hyperplasia, Nos
Lung	Bronchiole	Fibrosis
		Hyperplasia, Adenomatous
Mammary gland		Perivascular Cuffing
		Fibroadenoma
		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Salivary gland	Submaxillary Duct	Dysplasia, Epithelial

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

---

**ANIMAL ID:** 1\_083

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 125.0 MG/KG

**DISP:** Dosing Accident

**HISTO:**

---

**OBSERVATIONS**

Lung

Edema, Nos

Emphysema, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

**ANIMAL ID:** 1\_084

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 125.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Angiectasis
	Cortex Nos	Hyperplasia, Focal
Bone marrow		Hyperplasia, Nos
Eye	Retina	Atrophy, Nos
	Lens, Cortex	Cataract
Heart	Myocardium Nos	Fibrosis
Intestine Large	Cecum, Colon	Lipoma
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Granuloma, Nos
	Periportal Bile Ductule	Hyperplasia, Nos
Mammary gland		Fibroadenoma
		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Salivary gland	Submaxillary Duct	Dysplasia, Epithelial
Stomach	Glandular Stomach	Cyst, Multiple
Uterus	Endometrial Gland	Cyst, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

**ANIMAL ID:** 1\_085

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 125.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Angiectasis
Brain		Oligodendroglioma
Eye	Retina	Atrophy, Nos
	Lens, Cortex	Cataract
Heart	Myocardium Nos	Fibrosis
Kidney		Nephropathy
Liver		Clear-Cell Change
		Cytoplasmic Change, Basophilic
		Granuloma, Nos
		Hernia, Nos
	Periportal Bile Ductule	Hyperplasia, Nos
Lung		Alveolar Macrophages
Mammary gland		Fibroadenoma
Ovary		Cyst, Nos
Pituitary gland	Anterior Pituitary	Carcinoma, Nos
Stomach	Glandular Stomach	Cyst, Multiple

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

---

**ANIMAL ID:** 1\_086

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 125.0 MG/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Degeneration, Nos
Liver		Cytoplasmic Change, Basophilic
Lung		Alveolar Macrophages
		Congestion, Nos
		Emphysema, Nos
		Hemorrhage
Spleen		Hematopoiesis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

**ANIMAL ID:** 1\_087

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 125.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Angiectasis
Eye	Retina	Atrophy, Nos
	Lens, Cortex	Cataract
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Periportal Bile Ductule	Hernia, Nos
		Hyperplasia, Nos
Mammary gland		Hyperplasia, Cystic
Nasal cavity		Inflammation, Chronic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Glandular Stomach	Cyst, Multiple
Thymus		Cyst, Nos
Thyroid		Hyperplasia, C Cell
Uterus		Endometrial Stromal Polyp

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

**ANIMAL ID:** 1\_088

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 125.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Angiectasis
	Cortex Nos	Hyperplasia, Focal
Eye	Retina	Atrophy, Nos
	Lens, Cortex	Cataract
Heart	Myocardium Nos	Fibrosis
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
Lung		Perivascular Cuffing
Mammary gland		Hyperplasia, Cystic
Nasal cavity		Inflammation, Active Chronic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Nos
Salivary gland	Submaxillary Duct	Dysplasia, Epithelial
Stomach	Glandular Stomach	Cyst, Multiple
Thyroid		Hyperplasia, C Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C55787

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 4-Hexylresorcinol

CAS Number: 136-77-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:43:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1\_089

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 125.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Angiectasis
	Cortex Nos	Metamorphosis, Fatty
Bone marrow		Hyperplasia, Nos
Brain		Hemorrhage
Esophagus		Hyperkeratosis
Eye	Retina	Atrophy, Nos
	Lens, Cortex	Cataract
Heart	Myocardium Nos	Fibrosis
Kidney		Nephropathy
Liver	Periportal Bile Ductule	Hyperplasia, Nos
Mammary gland		Hyperplasia, Cystic
Nasal cavity		Congestion, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Salivary gland		Atrophy, Nos
	Submaxillary Duct	Dysplasia, Epithelial
Thyroid		Follicular-Cell Adenoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

**ANIMAL ID:** 1\_090

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 125.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Angiectasis
	Cortex Nos	Hyperplasia, Focal
Eye	Retina	Atrophy, Nos
	Lens, Cortex	Cataract
Heart	Myocardium Nos	Fibrosis
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
Lung		Hemorrhage
		Perivascular Cuffing
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Glandular Stomach	Cyst, Multiple
Thymus		Cyst, Nos
Thyroid		Hyperplasia, C Cell
Uterus		Hydrometra

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C55787

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 4-Hexylresorcinol

CAS Number: 136-77-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:43:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1\_091

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 125.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Angiectasis Pheochromocytoma
Clitoral gland		Adenoma, Nos
Eye	Retina	Atrophy, Nos
	Lens, Cortex	Cataract
Heart	Myocardium Nos Myocardium Nos	Fibrosis Inflammation, Chronic
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic Cytoplasmic Change, Nos
	Periportal Bile Ductule	Hyperplasia, Nos
Mammary gland		Fibroadenoma Hyperplasia, Cystic
Ovary		Cyst, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Salivary gland	Submaxillary Duct	Dysplasia, Epithelial
Stomach	Glandular Stomach	Cyst, Multiple
Thyroid		Hyperplasia, C Cell
Uterus	Endometrial Gland	Cyst, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

---

**ANIMAL ID:** 1\_092

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 125.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla	Angiectasis Hyperplasia, Focal
Clitoral gland		Atrophy, Nos
Eye	Retina	Atrophy, Nos
Heart	Lens, Cortex	Cataract
Kidney	Myocardium Nos	Fibrosis
Liver		Nephropathy Cytoplasmic Change, Basophilic Granuloma, Nos
	Periportal Bile Ductule	Hyperplasia, Nos
Lung	Bronchiole	Fibrosis
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Unspecified	Adipose Tissue	Necrosis, Fat

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

**ANIMAL ID:** 1\_093

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 125.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Angiectasis
	Cortex Nos	Hyperplasia, Focal
Eye	Retina	Atrophy, Nos
	Lens, Cortex	Cataract
Heart	Myocardium Nos	Fibrosis
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Hernia, Nos
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Cyst, Nos
	Anterior Pituitary	Hyperplasia, Focal
Salivary gland		Atrophy, Nos
Stomach	Glandular Stomach	Cyst, Multiple
Thyroid		Hyperplasia, C Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

**ANIMAL ID:** 1\_094

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 125.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Angiectasis
	Cortex Nos	Hyperplasia, Focal
Bone marrow		Hyperplasia, Nos
Eye	Retina	Atrophy, Nos
	Lens, Cortex	Cataract
Heart	Myocardium Nos	Fibrosis
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Granuloma, Nos
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Cyst, Nos
	Anterior Pituitary	Hyperplasia, Focal
Skin		Cyst, Epidermal Inclusion
Stomach	Glandular Stomach	Cyst, Multiple
Thyroid		Follicular-Cell Carcinoma
Uterus	Endometrial Gland	Cyst, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

---

**ANIMAL ID:** 1\_095

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 125.0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Angiectasis

Bone marrow

Hyperplasia, Nos

Brain

Cerebellum Nos

Abscess, Nos

Salivary gland

Hypertrophy, Focal

Spleen

Hemosiderosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

---

**ANIMAL ID:** 1\_096

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 125.0 MG/KG

**DISP:** Dosing Accident

**HISTO:**

---

**OBSERVATIONS**

Lung

Congestion, Nos

Edema, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

**ANIMAL ID:** 1\_097

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 125.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Angiectasis

Eye

Retina

Atrophy, Nos

Lens, Cortex

Cataract

Myocardium Nos

Fibrosis

Heart

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Granuloma, Nos

Lung

Perivascular Cuffing

Mammary gland

Hyperplasia, Cystic

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Stomach

Glandular Stomach

Cyst, Multiple

Thymus

Hemorrhage

Thyroid

C-Cell Adenoma

Unspecified

Adipose Tissue

Necrosis, Fat

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

---

**ANIMAL ID:** 1\_098

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 125.0 MG/KG

**DISP:** Dosing Accident

**HISTO:**

---

**OBSERVATIONS**

Lung

Spleen

Congestion, Nos

Hemosiderosis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

**ANIMAL ID:** 1\_099

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 125.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Angiectasis
Clitoral gland		Adenoma, Nos
Eye	Retina	Atrophy, Nos
	Lens, Cortex	Cataract
Heart	Myocardium Nos	Fibrosis
	Epicardium	Inflammation, Chronic
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Cytoplasmic Vacuolization
	Periportal Bile Ductule	Granuloma, Nos
Mammary gland		Hyperplasia, Nos
Pancreas	Acinus	Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Atrophy, Nos
Salivary gland		Cyst, Nos
Unspecified		Hyperplasia, Focal
Uterus	Endometrial Gland	Fibroma
		Cyst, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

---

**ANIMAL ID:** 1\_100

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 125.0 MG/KG

**DISP:** Dosing Accident

**HISTO:**

---

**OBSERVATIONS**

Liver

Metamorphosis, Fatty

Lung

Congestion, Nos

Nasal cavity

Pneumonia, Aspiration

Spleen

Inflammation, Active Chronic

Hemosiderosis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

---

**ANIMAL ID:** 2\_001

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 062.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye

Retina

Atrophy, Nos

Kidney

Lens, Cortex

Cataract

Liver

Nephropathy

Clear-Cell Change

Cytoplasmic Change, Basophilic

Granuloma, Nos

Pituitary gland

Periportal Bile Ductule

Hyperplasia, Nos

Unspecified

Anterior Pituitary

Hyperplasia, Focal

Adipose Tissue

Necrosis, Fat

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

---

**ANIMAL ID:** 2\_002

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 062.5 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye	Retina Lens, Cortex	Atrophy, Nos Cataract Hemorrhage
Heart	Myocardium Nos	Fibrosis
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic Granuloma, Nos
	Periportal Bile Ductule Centrilobular	Hyperplasia, Nos Metamorphosis, Fatty
Mammary gland		Galactocele Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Glandular Stomach	Cyst, Multiple
Thyroid		Hyperplasia, C Cell
Uterus		Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

---

**ANIMAL ID:** 2\_003

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 062.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Clitoral gland

Eye

Kidney

Liver

Lung

Pituitary gland

Uterus

Retina

Lens, Cortex

Periportal Bile Ductule

Anterior Pituitary

Carcinoma, Nos

Atrophy, Nos

Cataract

Nephropathy

Cytoplasmic Change, Basophilic

Hyperplasia, Nos

Perivascular Cuffing

Adenoma, Nos

Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

---

**ANIMAL ID:** 2\_004

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 062.5 MG/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Necrosis, Coagulative

Bone marrow

Hyperplasia, Nos

Liver

Necrosis, Coagulative

Lung

Edema, Nos

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

Adipose Tissue

Necrosis, Fat

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

**ANIMAL ID:** 2\_005

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 062.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Eye	Retina	Atrophy, Nos
	Lens, Cortex	Cataract
Kidney		Cyst, Nos
		Nephropathy
Liver		Clear-Cell Change
		Cytoplasmic Change, Basophilic
		Granuloma, Nos
	Periportal Bile Ductule	Hyperplasia, Nos
		Metamorphosis, Fatty
Lung		Follicular-Cell Carcinoma, Metastatic
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Nos
Spleen		Hematopoiesis
Thyroid		Follicular-Cell Carcinoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

---

**ANIMAL ID:** 2\_006

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 062.5 MG/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Hemorrhage

Lung

Congestion, Nos

Spleen

Hemosiderosis

Thymus

Hemorrhage

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

---

**ANIMAL ID:** 2\_007

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 062.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye

Retina

Atrophy, Nos

Lens, Cortex

Cataract

Kidney

Hemorrhage

Liver

Nephropathy

Clear-Cell Change

Cytoplasmic Change, Basophilic

Cytoplasmic Vacuolization

Granuloma, Nos

Periportal Bile Ductule

Hyperplasia, Nos

Mammary gland

Fibroadenoma

Pituitary gland

Anterior Pituitary

Hyperplasia, Focal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

---

**ANIMAL ID:** 2\_008

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 062.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Clitoral gland

Eye

Kidney

Liver

Lung

Mammary gland

Ovary

Pituitary gland

Uterus

Retina

Lens, Cortex

Periportal Bile Ductule

Anterior Pituitary

Anterior Pituitary

Adenoma, Nos

Atrophy, Nos

Cataract

Nephropathy

Cytoplasmic Change, Basophilic

Granuloma, Nos

Hyperplasia, Nos

Perivascular Cuffing

Fibroadenoma

Cyst, Nos

Adenoma, Nos

Cyst, Nos

Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

---

**ANIMAL ID:** 2\_009

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 062.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye

Retina  
Lens, Cortex

Atrophy, Nos  
Cataract

Kidney

Liver

Periportal Bile Ductule

Hemorrhage  
Nephropathy  
Cytoplasmic Change, Basophilic  
Hyperplasia, Nos  
Metamorphosis, Fatty

Pituitary gland

Anterior Pituitary  
Anterior Pituitary

Cyst, Nos  
Hyperplasia, Focal  
Hydrometra

---

Uterus

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

**ANIMAL ID:** 2\_010

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 062.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Brain		Meningioma
Eye	Retina	Atrophy, Nos
	Lens, Cortex	Cataract
		Hemorrhage
Kidney		Cyst, Nos
		Nephropathy
Liver		Clear-Cell Change
		Cytoplasmic Change, Basophilic
		Granuloma, Nos
	Periportal Bile Ductule	Hyperplasia, Nos
Lung		Perivascular Cuffing
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Nos
Thyroid		C-Cell Carcinoma
		Hyperplasia, C Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

---

**ANIMAL ID:** 2\_011

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 062.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye	Retina	Atrophy, Nos
	Lens, Cortex	Cataract
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Granuloma, Nos
	Periportal Bile Ductule	Hyperplasia, Nos
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Uterus	Endometrial Gland	Cyst, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

---

**ANIMAL ID:** 2\_012

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 062.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye

Retina

Atrophy, Nos

Kidney

Lens, Cortex

Cataract

Liver

Nephropathy

Cytoplasmic Change, Basophilic

Cytoplasmic Vacuolization

Pituitary gland

Periportal Bile Ductule

Hyperplasia, Nos

Anterior Pituitary

Cyst, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

---

**ANIMAL ID:** 2\_013

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 062.5 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Bone marrow

Hyperplasia, Nos

Eye

Retina

Atrophy, Nos

Lens, Cortex

Cataract

Liver

Cytoplasmic Change, Basophilic

Lung

Perivascular Cuffing

Mammary gland

Fibroadenoma

Stomach

Glandular Stomach

Cyst, Multiple

Thymus

Cyst, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

---

**ANIMAL ID:** 2\_014

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 062.5 MG/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Chronic
Liver		Hernia, Nos
Pancreas	Acinus	Atrophy, Nos
Spleen		Hemosiderosis
Thymus		Hemorrhage

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

---

**ANIMAL ID:** 2\_015

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 062.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye

Retina

Atrophy, Nos

Kidney

Lens, Cortex

Cataract

Liver

Nephropathy

Cytoplasmic Change, Basophilic

Pituitary gland

Anterior Pituitary

Granuloma, Nos

Unspecified

Adipose Tissue

Cyst, Nos

Necrosis, Fat

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

---

**ANIMAL ID:** 2\_016

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 062.5 MG/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Lung

Congestion, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

---

**ANIMAL ID:** 2\_017

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 062.5 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Angiectasis

Bone marrow

Hyperplasia, Nos

Eye

Retina

Atrophy, Nos

Heart

Lens, Cortex

Cataract

Kidney

Myocardium Nos

Fibrosis

Liver

Periportal Bile Ductule

Nephropathy

Lung

Hyperplasia, Nos

Mammary gland

Metamorphosis, Fatty

Spleen

Perivascular Cuffing

Stomach

Hyperplasia, Cystic

Thyroid

Glandular Stomach

Hematopoiesis

Unspecified

Cyst, Multiple

C-Cell Adenoma

Hyperplasia, C Cell

Fibroma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

---

**ANIMAL ID:** 2\_018

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 062.5 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Bone marrow

Liver

Spleen

Unspecified

Centrilobular

Hyperplasia, Nos

Cytoplasmic Change, Basophilic

Cytoplasmic Vacuolization

Hematopoiesis

Fibroma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

---

**ANIMAL ID:** 2\_019

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 062.5 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye

Retina

Atrophy, Nos

Kidney

Lens, Cortex

Cataract

Liver

Nephropathy

Cytoplasmic Change, Basophilic

Granuloma, Nos

Pituitary gland

Anterior Pituitary

Metamorphosis, Fatty

Adenoma, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

---

**ANIMAL ID:** 2\_020

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 062.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye

Retina

Atrophy, Nos

Kidney

Lens, Cortex

Cataract

Liver

Nephropathy

Cytoplasmic Change, Basophilic

Granuloma, Nos

Periportal Bile Ductule

Hyperplasia, Nos

Lung

Perivascular Cuffing

Pituitary gland

Adenoma, Nos

Anterior Pituitary

Cyst, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

---

**ANIMAL ID:** 2\_021

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 062.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye	Retina	Atrophy, Nos
	Lens, Cortex	Cataract
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Granuloma, Nos
	Periportal Bile Ductule	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Uterus		Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

---

**ANIMAL ID:** 2\_022

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 062.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye	Retina	Atrophy, Nos
	Lens, Cortex	Cataract
Kidney		Nephropathy
Liver		Clear-Cell Change
		Cytoplasmic Change, Basophilic
		Granuloma, Nos
	Periportal Bile Ductule	Hyperplasia, Nos
		Metamorphosis, Fatty
Lung		Perivascular Cuffing
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Uterus	Endometrial Gland	Cyst, Nos
		Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

---

**ANIMAL ID:** 2\_023

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 062.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Clitoral gland

Eye

Liver

Lung

Mammary gland

Pituitary gland

Uterus

Retina

Lens, Cortex

Anterior Pituitary

Abscess, Nos

Atrophy, Nos

Cataract

Cytoplasmic Change, Basophilic

Perivascular Cuffing

Fibroadenoma

Hyperplasia, Focal

Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

---

**ANIMAL ID:** 2\_024

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 062.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye	Retina Lens, Cortex	Atrophy, Nos Cataract Hemorrhage Nephropathy
Kidney		Cytoplasmic Change, Basophilic Granuloma, Nos
Liver		Perivascular Cuffing Hyperplasia, Focal Hematopoiesis
Lung		Leukemia, Mononuclear Cell
Pituitary gland	Anterior Pituitary	Hydrometra
Spleen		Carcinoma, Nos
Unspecified	Multiple Organs Nos	
Uterus		
Zymbal gland		

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

---

**ANIMAL ID:** 2\_025

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 062.5 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye

Retina

Atrophy, Nos

Liver

Lens, Cortex

Cataract

Lung

Periportal Bile Ductule

Cytoplasmic Change, Basophilic

Mammary gland

Granuloma, Nos

Pituitary gland

Hyperplasia, Nos

Perivascular Cuffing

Fibroadenoma

Hyperplasia, Focal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

---

**ANIMAL ID:** 2\_026

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 062.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye	Retina	Atrophy, Nos
	Lens, Cortex	Cataract
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Granuloma, Nos
		Metamorphosis, Fatty
Lung		Perivascular Cuffing
Mammary gland		Fibroadenoma
		Hyperplasia, Cystic
Ovary		Cyst, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

---

**ANIMAL ID:** 2\_027

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 062.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye	Retina	Atrophy, Nos
	Lens, Cortex	Cataract
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Granuloma, Nos
	Periportal Bile Ductule	Hyperplasia, Nos
Lung		Perivascular Cuffing
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Skin		Cyst, Epidermal Inclusion

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

---

**ANIMAL ID:** 2\_028

**TRT#:** 2

**DOSE:** 062.5 MG/KG

**SEX:** Female

**DISP:** Natural Death

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Liver	Metamorphosis, Fatty
Lung	Edema, Nos
Spleen	Hemosiderosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

---

**ANIMAL ID:** 2\_029

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 062.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye

Retina

Atrophy, Nos

Lens, Cortex

Cataract

Kidney

Nephropathy

Liver

Metamorphosis, Fatty

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

---

**ANIMAL ID:** 2\_030

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 062.5 MG/KG

**DISP:** Dosing Accident

**HISTO:**

---

**OBSERVATIONS**

Bone marrow

Granuloma, Nos

Stomach

Glandular Stomach

Cyst, Multiple

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

---

**ANIMAL ID:** 2\_031

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 062.5 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye

Retina

Atrophy, Nos

Kidney

Lens, Cortex

Cataract

Liver

Nephropathy

Clear-Cell Change

Cytoplasmic Change, Basophilic

Periportal Bile Ductule

Hyperplasia, Nos

Lung

Perivascular Cuffing

Mammary gland

Fibroadenoma

Spleen

Hematopoiesis

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

---

**ANIMAL ID:** 2\_032

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 062.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye

Retina

Atrophy, Nos

Liver

Lens, Cortex

Cataract

Pituitary gland

Periportal Bile Ductule

Cytoplasmic Change, Basophilic

Uterus

Anterior Pituitary

Hyperplasia, Nos

Metamorphosis, Fatty

Hyperplasia, Focal

Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

---

**ANIMAL ID:** 2\_033

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 062.5 MG/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Blood vessel	Artery Nos	Hemorrhage
	Artery Nos	Inflammation, Chronic
Heart	Myocardium Nos	Fibrosis
Liver		Cytoplasmic Change, Basophilic
Lung		Congestion, Nos
		Edema, Nos
		Emphysema, Nos
		Hemorrhage
Pituitary gland	Intermedia	Cyst, Nos
Spleen		Hemosiderosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

---

**ANIMAL ID:** 2\_034

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 062.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye

Retina  
Lens, Cortex

Atrophy, Nos  
Cataract

Kidney

Hemorrhage

Liver

Nephropathy

Cytoplasmic Change, Basophilic

Mammary gland

Periportal Bile Ductule

Hyperplasia, Nos

Pituitary gland

Fibroadenoma

Anterior Pituitary

Angiectasis

Anterior Pituitary

Cyst, Nos

Anterior Pituitary

Hyperplasia, Focal

Uterus

Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

---

**ANIMAL ID:** 2\_035

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 062.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye

Retina

Atrophy, Nos

Kidney

Lens, Cortex

Cataract

Liver

Nephropathy

Angiectasis

Cytoplasmic Change, Basophilic

Granuloma, Nos

Periportal Bile Ductule

Hyperplasia, Nos

Necrosis, Nos

Lung

Perivascular Cuffing

Mammary gland

Hyperplasia, Cystic

Pituitary gland

Anterior Pituitary

Adenoma, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

---

**ANIMAL ID:** 2\_036

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 062.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye

Retina

Atrophy, Nos

Kidney

Lens, Cortex

Cataract

Liver

Nephropathy

Cytoplasmic Change, Basophilic

Granuloma, Nos

Periportal Bile Ductule

Hyperplasia, Nos

Pituitary gland

Anterior Pituitary

Cyst, Nos

Uterus

Endometrial Gland

Cyst, Nos

Zymbal gland

Adenoma, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

---

**ANIMAL ID:** 2\_037

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 062.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye	Retina Lens, Cortex	Atrophy, Nos Cataract Hemorrhage
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Periportal Bile Ductule	Hyperplasia, Nos
Lung		Perivascular Cuffing Pneumonia, Interstitial Chronic
Pituitary gland	Anterior Pituitary Anterior Pituitary Anterior Pituitary	Adenoma, Nos Angiectasis Hyperplasia, Focal
Uterus	Endometrial Gland	Cyst, Nos Hydrometra

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

---

**ANIMAL ID:** 2\_038

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 062.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye	Retina Lens, Cortex	Atrophy, Nos Cataract
Liver		Cytoplasmic Change, Basophilic
Lung	Bronchiole	Fibrosis
Pituitary gland	Anterior Pituitary Anterior Pituitary	Cyst, Nos Hyperplasia, Focal
Skin		Squamous Cell Papilloma
Spleen		Hematopoiesis
Uterus		Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

---

**ANIMAL ID:** 2\_039

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 062.5 MG/KG

**DISP:** Dosing Accident

**HISTO:**

---

**OBSERVATIONS**

Heart

Myocardium Nos

Inflammation, Chronic

Uterus

Hydrometra

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

---

**ANIMAL ID:** 2\_040

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 062.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye

Retina

Atrophy, Nos

Kidney

Lens, Cortex

Cataract

Liver

Nephropathy

Cytoplasmic Change, Basophilic

Pituitary gland

Anterior Pituitary

Necrosis, Nos

Uterus

Adenoma, Nos

Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

---

**ANIMAL ID:** 2\_041

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 062.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Clitoral gland

Adenoma, Nos

Eye

Retina

Atrophy, Nos

Lens, Cortex

Cataract

Kidney

Nephropathy

Liver

Clear-Cell Change

Cytoplasmic Change, Basophilic

Periportal Bile Ductule

Hyperplasia, Nos

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Anterior Pituitary

Cyst, Nos

Unspecified

Adipose Tissue

Necrosis, Fat

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

---

**ANIMAL ID:** 2\_042

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 062.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye	Retina Lens, Cortex	Atrophy, Nos Cataract
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic Granuloma, Nos
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary Anterior Pituitary Anterior Pituitary	Adenoma, Nos Cyst, Nos Hyperplasia, Focal
Uterus		Endometrial Stromal Sarcoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

**ANIMAL ID:** 2\_043

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 062.5 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Bone marrow

Kidney

Liver

Pancreas

Pituitary gland

Spleen

Stomach

Thyroid

Uterus

Tubule

Acinus

Anterior Pituitary

Glandular Stomach

Cortical Adenoma

Hyperplasia, Nos

Nephropathy

Pigmentation, Nos

Cytoplasmic Change, Basophilic

Metamorphosis, Fatty

Necrosis, Coagulative

Atrophy, Nos

Adenoma, Nos

Hematopoiesis

Cyst, Multiple

Hyperplasia, C Cell

Endometrial Stromal Sarcoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

**ANIMAL ID:** 2\_044

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 062.5 MG/KG

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Bone marrow		Hyperplasia, Nos
Eye	Retina	Atrophy, Nos
	Lens, Cortex	Cataract
Heart	Myocardium Nos	Fibrosis
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Periportal Bile Ductule	Hyperplasia, Nos
		Necrosis, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
	Anterior Pituitary	Hyperplasia, Focal
Spleen		Hematopoiesis
		Hemosiderosis
Thymus		Hemorrhage
Thyroid	Follicle	Metaplasia, Squamous
Uterus		Endometrial Stromal Sarcoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

---

**ANIMAL ID:** 2\_045

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 062.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Clitoral gland

Eye

Kidney

Liver

Pituitary gland

Retina

Lens, Cortex

Periportal Bile Ductule

Anterior Pituitary

Anterior Pituitary

Adenoma, Nos

Atrophy, Nos

Cataract

Nephropathy

Cytoplasmic Change, Basophilic

Cytoplasmic Change, Nos

Hyperplasia, Nos

Angiectasis

Cyst, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

---

**ANIMAL ID:** 2\_046

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 062.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye

Retina

Atrophy, Nos

Kidney

Lens, Cortex

Cataract

Liver

Nephropathy

Clear-Cell Change

Cytoplasmic Change, Basophilic

Mammary gland

Periportal Bile Ductule

Hyperplasia, Nos

Fibroadenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

---

**ANIMAL ID:** 2\_047

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 062.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye

Retina

Atrophy, Nos

Kidney

Lens, Cortex

Cataract

Liver

Nephropathy

Cytoplasmic Change, Basophilic

Uterus

Periportal Bile Ductule

Hyperplasia, Nos

Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

---

**ANIMAL ID:** 2\_048

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 062.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye

Retina

Atrophy, Nos

Kidney

Lens, Cortex

Cataract

Liver

Nephropathy

Cytoplasmic Change, Basophilic

Granuloma, Nos

Metamorphosis, Fatty

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Anterior Pituitary

Cyst, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

---

**ANIMAL ID:** 2\_049

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 062.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye	Retina	Atrophy, Nos
	Lens, Cortex	Cataract
Heart	Myocardium Nos	Fibrosis
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Periportal Bile Ductule	Hyperplasia, Nos
Lung		Hemorrhage
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Cyst, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

---

**ANIMAL ID:** 2\_050

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 062.5 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye	Retina	Atrophy, Nos
	Lens, Cortex	Cataract
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Periportal Bile Ductule	Hyperplasia, Nos
		Metamorphosis, Fatty
Mammary gland		Galactocele
		Hyperplasia, Cystic
Ovary		Cyst, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C55787

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 4-Hexylresorcinol

CAS Number: 136-77-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:43:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3\_101

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Angiectasis
	Cortex Nos	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Mineralization
Clitoral gland		Adenoma, Nos
Eye	Retina	Atrophy, Nos
	Lens, Cortex	Cataract
Kidney		Nephropathy
Liver		Clear-Cell Change
		Cytoplasmic Change, Basophilic
		Cytoplasmic Vacuolization
		Hernia, Nos
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Cyst, Nos
Salivary gland	Submaxillary Duct	Dysplasia, Epithelial
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Cyst, Multiple
	Forestomach	Hyperplasia, Epithelial
Thyroid		Hyperplasia, C Cell
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

**ANIMAL ID:** 3\_102

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Bone marrow		Hyperplasia, Nos
Heart	Myocardium Nos	Inflammation, Chronic
Liver		Cytoplasmic Change, Basophilic
Lung		Perivascular Cuffing
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Cyst, Nos
Spleen		Hematopoiesis
Unspecified	Adipose Tissue	Necrosis, Fat
Uterus		Endometrial Stromal Polyp

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

**ANIMAL ID:** 3\_103

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Bone marrow		Hyperplasia, Nos
Clitoral gland		Atrophy, Nos
Eye	Retina	Atrophy, Nos
	Lens, Cortex	Cataract
Heart	Myocardium Nos	Degeneration, Nos
Liver		Angiectasis
	Periportal Bile Ductule	Hyperplasia, Nos
		Metamorphosis, Fatty
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Salivary gland		Atrophy, Nos
Stomach	Glandular Stomach	Cyst, Multiple
	Forestomach	Edema, Nos
	Forestomach	Inflammation, Chronic
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

**ANIMAL ID:** 3\_104

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos	Angiectasis Hyperplasia, Focal
Bone marrow		Hyperplasia, Nos
Eye	Retina Lens, Cortex	Atrophy, Nos Cataract
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic Cytoplasmic Vacuolization Metamorphosis, Fatty
Lung		Perivascular Cuffing
Mammary gland		Fibroadenoma Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary Anterior Pituitary Posterior Lobe	Adenoma, Nos Cyst, Nos Cyst, Nos
Salivary gland		Atrophy, Nos
Spleen	Submaxillary Duct	Dysplasia, Epithelial
Stomach	Glandular Stomach	Hematopoiesis Cyst, Multiple

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

**ANIMAL ID:** 3\_105

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Angiectasis
	Cortex Nos	Hyperplasia, Focal
Eye	Retina	Atrophy, Nos
	Lens, Cortex	Cataract
Heart	Myocardium Nos	Fibrosis
Liver		Cytoplasmic Change, Basophilic
		Cytoplasmic Vacuolization
		Granuloma, Nos
		Hernia, Nos
	Periportal Bile Ductule	Hyperplasia, Nos
Mammary gland		Hyperplasia, Cystic
Nasal cavity		Inflammation, Active Chronic
Pancreas		Acinar-Cell Adenoma
Pituitary gland	Anterior Pituitary	Cyst, Nos
Stomach	Glandular Stomach	Cyst, Multiple

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

**ANIMAL ID:** 3\_106

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Angiectasis

Eye

Retina

Atrophy, Nos

Lens, Cortex

Cataract

Myocardium Nos

Fibrosis

Heart

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Cytoplasmic Vacuolization

Periportal Bile Ductule

Hyperplasia, Nos

Lung

Alveolar Macrophages

Mammary gland

Hyperplasia, Cystic

Pancreas

Acinus

Atrophy, Nos

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Stomach

Glandular Stomach

Cyst, Multiple

Thyroid

Hyperplasia, C Cell

Uterus

Inflammation, Active Chronic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

**ANIMAL ID:** 3\_107

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Bone marrow		Hyperplasia, Nos
Eye	Retina	Atrophy, Nos
	Lens, Cortex	Cataract
Heart	Myocardium Nos	Fibrosis
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
	Periportal Bile Ductule	Hyperplasia, Nos
		Necrosis, Coagulative
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Cyst, Nos
Stomach	Glandular Stomach	Cyst, Multiple
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus	Endometrial Gland	Cyst, Nos
		Endometrial Stromal Polyp
		Mineralization

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

**ANIMAL ID:** 3\_108

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Angiectasis
	Cortex Nos	Hyperplasia, Focal
Clitoral gland		Atrophy, Nos
Eye	Retina	Atrophy, Nos
	Lens, Cortex	Cataract
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Periportal Bile Ductule	Hyperplasia, Nos
Lung		Perivascular Cuffing
Mammary gland		Galactocele
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Glandular Stomach	Cyst, Multiple
Thyroid		C-Cell Adenoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

**ANIMAL ID:** 3\_109

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Angiectasis
	Cortex Nos	Hyperplasia, Focal
Eye	Retina	Atrophy, Nos
	Lens, Cortex	Cataract
Heart	Myocardium Nos	Fibrosis
	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver	Periportal Bile Ductule	Hyperplasia, Nos
		Metamorphosis, Fatty
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Cyst, Multiple
	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Active Chronic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

**ANIMAL ID:** 3\_110

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
	Cortex Nos	Metamorphosis, Fatty
Brain	Cerebellum Nos	Necrosis, Nos
Kidney	Tubule	Metamorphosis, Fatty
Liver	Periportal Bile Ductule	Hyperplasia, Nos
		Metamorphosis, Fatty
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Cyst, Nos
Stomach	Glandular Stomach	Cyst, Multiple
Thymus		Hemorrhage
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus	Endometrial Gland	Cyst, Nos
		Endometrial Stromal Polyp

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

---

**ANIMAL ID:** 3\_111

**TRT#:** 3

**DOSE:** 0

**SEX:** Female

**DISP:** Natural Death

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Clitoral gland

Liver

Lung

Nasal cavity

Pituitary gland

Unspecified

Anterior Pituitary

Multiple Organs Nos

Atrophy, Nos

Congestion, Nos

Cytoplasmic Change, Basophilic

Congestion, Nos

Edema, Nos

Hyperplasia, Focal

Angiectasis

Sarcoma, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

**ANIMAL ID:** 3\_112

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Bone marrow		Hyperplasia, Nos
Eye	Retina	Atrophy, Nos
	Lens, Cortex	Cataract
Heart	Myocardium Nos	Fibrosis
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Periportal Bile Ductule	Hyperplasia, Nos
Lung		Hemorrhage
Mammary gland		Fibroadenoma
		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Salivary gland	Submaxillary Duct	Dysplasia, Epithelial
Stomach	Glandular Stomach	Cyst, Multiple
Thyroid		C-Cell Adenoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

**ANIMAL ID:** 3\_113

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Angiectasis
Bone marrow		Hyperplasia, Nos
Clitoral gland		Carcinoma, Nos
Eye	Retina	Atrophy, Nos
	Lens, Cortex	Cataract
Heart	Myocardium Nos	Degeneration, Nos
	Myocardium Nos	Fibrosis
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Periportal Bile Ductule	Hyperplasia, Nos
Lung		Hemorrhage
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Stomach	Glandular Stomach	Cyst, Multiple
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus		Endometrial Stromal Polyp

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

---

**ANIMAL ID:** 3\_114

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Bone marrow		Hyperplasia, Nos
Heart	Myocardium Nos	Degeneration, Nos
	Myocardium Nos	Fibrosis
	Myocardium Nos	Necrosis, Nos
Liver	Periportal Bile Ductule	Hyperplasia, Nos
		Necrosis, Coagulative
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
Spleen	Capsule	Fibrosis
Stomach	Glandular Stomach	Cyst, Multiple
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C55787

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 4-Hexylresorcinol

CAS Number: 136-77-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:43:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3\_115

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Angiectasis
	Cortex Nos	Hyperplasia, Focal
Brain		Hydrocephalus, Nos
Clitoral gland		Atrophy, Nos
Esophagus		Hyperkeratosis
Eye	Retina	Atrophy, Nos
Heart	Myocardium Nos	Fibrosis
Kidney		Nephropathy
Liver		Granuloma, Nos
		Hernia, Nos
		Metamorphosis, Fatty
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hemosiderosis
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Active Chronic
Thyroid		C-Cell Adenoma
Unspecified	Adipose Tissue	Necrosis, Fat
Urinary bladder		Cyst, Multiple
		Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

**ANIMAL ID:** 3\_116

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Angiectasis
	Cortex Nos	Hyperplasia, Focal
Eye	Retina	Atrophy, Nos
	Lens, Cortex	Cataract
Heart	Myocardium Nos	Degeneration, Nos
	Myocardium Nos	Fibrosis
Kidney		Nephropathy
Liver		Cytoplasmic Vacuolization
		Granuloma, Nos
	Periportal Bile Ductule	Hyperplasia, Nos
Stomach	Glandular Stomach	Cyst, Multiple
Unspecified	Adipose Tissue	Necrosis, Fat

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

**ANIMAL ID:** 3\_117

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Angiectasis

Eye

Retina

Atrophy, Nos

Heart

Lens, Cortex

Cataract

Kidney

Myocardium Nos

Fibrosis

Liver

Myocardium Nos

Inflammation, Chronic

Nephropathy

Cytoplasmic Change, Basophilic

Cytoplasmic Vacuolization

Granuloma, Nos

Hernia, Nos

Nuclear Alteration

Hyperplasia, Cystic

Mammary gland

Pancreas

Acinus

Atrophy, Nos

Salivary gland

Submaxillary Duct

Dysplasia, Epithelial

Stomach

Glandular Stomach

Cyst, Multiple

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

**ANIMAL ID:** 3\_118

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Angiectasis
	Medulla	Pheochromocytoma
Eye	Retina	Atrophy, Nos
	Lens, Cortex	Cataract
Heart	Myocardium Nos	Fibrosis
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Cytoplasmic Vacuolization
		Granuloma, Nos
	Periportal Bile Ductule	Hyperplasia, Nos
Lung		Perivascular Cuffing
Pituitary gland	Anterior Pituitary	Cyst, Nos
Salivary gland		Atrophy, Nos
	Submaxillary Duct	Dysplasia, Epithelial
Thyroid		Hyperplasia, C Cell
Unspecified	Neck	Fibroma
Uterus	Endometrial Gland	Cyst, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

**ANIMAL ID:** 3\_119

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Angiectasis
	Cortex Nos	Hyperplasia, Focal
Heart	Myocardium Nos	Fibrosis
	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Cytoplasmic Vacuolization
	Periportal Bile Ductule	Hyperplasia, Nos
Lung		Inflammation, Granulomatous
		Perivascular Cuffing
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
Salivary gland	Submaxillary Duct	Dysplasia, Epithelial
Thyroid		Hyperplasia, C Cell
Uterus		Endometrial Stromal Polyp

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

**ANIMAL ID:** 3\_120

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Angiectasis
Bone marrow		Hyperplasia, Nos
Clitoral gland		Atrophy, Nos
Eye	Retina	Atrophy, Nos
Heart	Myocardium Nos	Fibrosis
Liver		Cytoplasmic Change, Basophilic
	Periportal Bile Ductule	Hyperplasia, Nos
Mammary gland		Hyperplasia, Cystic
Ovary		Cyst, Nos
Salivary gland	Submaxillary Duct	Dysplasia, Epithelial
Stomach	Glandular Stomach	Cyst, Multiple
Thyroid		C-Cell Adenoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C55787

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 4-Hexylresorcinol

CAS Number: 136-77-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:43:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3\_121

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Bone marrow		Hyperplasia, Nos
Eye	Retina	Atrophy, Nos
	Lens, Cortex	Cataract
Heart	Myocardium Nos	Fibrosis
Liver		Cytoplasmic Change, Basophilic
	Periportal Bile Ductule	Hyperplasia, Nos
		Metamorphosis, Fatty
		Necrosis, Coagulative
Lung		Alveolar/Bronchiolar Adenoma
Nasal cavity		Inflammation, Active Chronic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Cyst, Nos
Salivary gland		Atrophy, Nos
	Submaxillary Duct	Dysplasia, Epithelial
Stomach	Glandular Stomach	Cyst, Multiple
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
	Groin	Myxosarcoma
	Adipose Tissue	Necrosis, Fat
Uterus	Endometrial Gland	Cyst, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

---

**ANIMAL ID:** 3\_122

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Angiectasis
Clitoral gland		Atrophy, Nos
Eye	Retina	Atrophy, Nos
	Lens, Cortex	Cataract
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Granuloma, Nos
	Periportal Bile Ductule	Hyperplasia, Nos
Mammary gland		Fibroadenoma
		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thyroid		Hyperplasia, C Cell

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

**ANIMAL ID:** 3\_123

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Clitoral gland		Atrophy, Nos
Eye	Retina	Atrophy, Nos
	Lens, Cortex	Cataract
Kidney	Tubule	Degeneration, Hyaline
		Nephropathy
Liver	Periportal Bile Ductule	Hyperplasia, Nos
Lung		Alveolar Macrophages
		Edema, Nos
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Cyst, Nos
Salivary gland		Atrophy, Nos
	Submaxillary Duct	Dysplasia, Epithelial
Stomach	Glandular Stomach	Cyst, Multiple
Thymus		Cyst, Nos
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

---

**ANIMAL ID:** 3\_124

**TRT#:** 3

**DOSE:** 0

**SEX:** Female

**DISP:** Dosing Accident

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Lung

Spleen

Congestion, Nos

Hemosiderosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

**ANIMAL ID:** 3\_125

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Angiectasis Cortical Adenoma
Eye	Cortex Nos Retina	Hyperplasia, Focal Atrophy, Nos
Heart	Lens, Cortex	Cataract
Kidney	Myocardium Nos	Fibrosis
Liver		Nephropathy Cytoplasmic Change, Basophilic Cytoplasmic Vacuolization
Mammary gland	Periportal Bile Ductule	Hyperplasia, Nos Fibroadenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Salivary gland	Anterior Pituitary	Cyst, Nos
Stomach	Submaxillary Duct	Dysplasia, Epithelial
Thyroid	Glandular Stomach	Cyst, Multiple Hyperplasia, C Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

**ANIMAL ID:** 3\_126

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Angiectasis
Eye	Retina	Atrophy, Nos
	Lens, Cortex	Cataract
Heart	Myocardium Nos	Degeneration, Nos
	Myocardium Nos	Fibrosis
Kidney		Nephropathy
Liver		Clear-Cell Change
		Cytoplasmic Change, Basophilic
		Cytoplasmic Vacuolization
Mammary gland		Hyperplasia, Cystic
Nasal cavity		Inflammation, Active Chronic
Pituitary gland	Anterior Pituitary	Cyst, Nos
	Anterior Pituitary	Hyperplasia, Focal
Stomach	Glandular Stomach	Cyst, Multiple
Thyroid		Follicular-Cell Adenoma
Uterus	Endometrial Gland	Cyst, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

**ANIMAL ID:** 3\_127

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Angiectasis
	Cortex Nos	Hyperplasia, Focal
Eye	Retina	Atrophy, Nos
	Lens, Cortex	Cataract
Heart	Myocardium Nos	Fibrosis
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Cytoplasmic Vacuolization
		Granuloma, Nos
		Hernia, Nos
	Periportal Bile Ductule	Hyperplasia, Nos
Mammary gland		Fibroadenoma
		Hyperplasia, Cystic
Salivary gland	Submaxillary Duct	Dysplasia, Epithelial
Stomach	Glandular Stomach	Cyst, Multiple
Uterus		Endometrial Stromal Polyp

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

**ANIMAL ID:** 3\_128

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Angiectasis

Eye

Retina

Atrophy, Nos

Lens, Cortex

Cataract

Heart

Myocardium Nos

Fibrosis

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Cytoplasmic Vacuolization

Granuloma, Nos

Periportal Bile Ductule

Hyperplasia, Nos

Mammary gland

Fibroadenoma

Ovary

Cyst, Nos

Pituitary gland

Anterior Pituitary

Angiectasis

Salivary gland

Atrophy, Nos

Stomach

Glandular Stomach

Cyst, Multiple

Thyroid

Hyperplasia, C Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

**ANIMAL ID:** 3\_129

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Angiectasis
Clitoral gland		Carcinoma, Nos
Eye	Retina	Atrophy, Nos
	Lens, Cortex	Cataract
Heart	Myocardium Nos	Degeneration, Nos
	Myocardium Nos	Fibrosis
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Cytoplasmic Vacuolization
	Periportal Bile Ductule	Hyperplasia, Nos
Lung		Perivascular Cuffing
Mammary gland		Fibroadenoma
		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Glandular Stomach	Cyst, Multiple
Thyroid		Hyperplasia, C Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

**ANIMAL ID:** 3\_130

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Bone marrow		Hyperplasia, Nos
Eye	Retina	Atrophy, Nos
	Lens, Cortex	Cataract
Heart	Myocardium Nos	Fibrosis
Kidney		Nephropathy
Liver	Periportal Bile Ductule	Hyperplasia, Nos
Mammary gland		Hyperplasia, Cystic
Ovary		Granulosa-Cell Tumor
Pituitary gland	Anterior Pituitary	Cyst, Nos
Spleen		Fibrosis
Stomach	Glandular Stomach	Cyst, Multiple
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
	Adipose Tissue	Necrosis, Fat
Urinary bladder		Hyperplasia, Epithelial
Uterus		Inflammation, Active Chronic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

**ANIMAL ID:** 3\_131

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Angiectasis

Eye

Retina

Atrophy, Nos

Heart

Lens, Cortex

Cataract

Kidney

Myocardium Nos

Fibrosis

Liver

Nephropathy

Cytoplasmic Change, Basophilic

Granuloma, Nos

Metamorphosis, Fatty

Mammary gland

Fibroadenoma

Hyperplasia, Cystic

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Salivary gland

Submaxillary Duct

Dysplasia, Epithelial

Stomach

Glandular Stomach

Cyst, Multiple

Thyroid

Hyperplasia, C Cell

Uterus

Endometrial Stromal Polyp

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C55787

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 4-Hexylresorcinol

CAS Number: 136-77-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:43:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3\_132

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Angiectasis
	Cortex Nos	Hyperplasia, Focal
Bone marrow		Hyperplasia, Nos
Brain	Choroid Plexus Nos	Mineralization
Clitoral gland		Atrophy, Nos
Eye	Retina	Atrophy, Nos
	Lens, Cortex	Cataract
		Hemorrhage
Heart	Myocardium Nos	Fibrosis
Liver	Periportal Bile Ductule	Hyperplasia, Nos
Lung		Alveolar Macrophages
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
Salivary gland	Submaxillary Duct	Dysplasia, Epithelial
Spleen		Fibrosis
Stomach	Glandular Stomach	Cyst, Multiple
Thymus		Hemorrhage
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

**ANIMAL ID:** 3\_133

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Eye	Retina	Atrophy, Nos
	Lens, Cortex	Cataract
Heart	Myocardium Nos	Fibrosis
	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Periportal Bile Ductule	Hyperplasia, Nos
		Necrosis, Focal
Lung		Hyperplasia, Adenomatous
		Perivascular Cuffing
Pituitary gland	Anterior Pituitary	Cyst, Nos
	Anterior Pituitary	Hyperplasia, Focal
Stomach	Glandular Stomach	Cyst, Multiple
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
	Adipose Tissue	Necrosis, Fat
Uterus		Endometrial Stromal Polyp

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

**ANIMAL ID:** 3\_134

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Periportal Bile Ductule	Hernia, Nos
		Hyperplasia, Nos
Mammary gland		Nuclear Alteration
		Fibroadenoma
		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Glandular Stomach	Cyst, Multiple
Thyroid		Hyperplasia, C Cell
Unspecified		Fibrosarcoma
	Adipose Tissue	Necrosis, Fat

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

**ANIMAL ID:** 3\_135

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Angiectasis

Bone marrow

Medulla

Pheochromocytoma

Clitoral gland

Hyperplasia, Nos

Liver

Atrophy, Nos

Cytoplasmic Change, Basophilic

Lung

Neoplastic Nodule

Mammary gland

Perivascular Cuffing

Pituitary gland

Fibroadenoma

Salivary gland

Anterior Pituitary

Adenoma, Nos

Skin

Submaxillary Duct

Atrophy, Nos

Stomach

Glandular Stomach

Dysplasia, Epithelial

Cyst, Epidermal Inclusion

Cyst, Multiple

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

---

**ANIMAL ID:** 3\_136

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Metamorphosis, Fatty

Brain

Cerebellum Nos

Hemorrhage

Eye

Retina

Atrophy, Nos

Kidney

Lens, Cortex

Cataract

Liver

Tubule

Metamorphosis, Fatty

Mammary gland

Metamorphosis, Fatty

Fibroadenoma

Stomach

Glandular Stomach

Hyperplasia, Cystic

Unspecified

Forestomach

Cyst, Multiple

Multiple Organs Nos

Edema, Nos

Leukemia, Mononuclear Cell

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C55787

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 4-Hexylresorcinol

CAS Number: 136-77-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:43:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3\_137

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Angiectasis
	Cortex Nos	Hyperplasia, Focal
Eye	Retina	Atrophy, Nos
	Lens, Cortex	Cataract
Heart	Myocardium Nos	Fibrosis
	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Granuloma, Nos
		Hernia, Nos
	Periportal Bile Ductule	Hyperplasia, Nos
		Metamorphosis, Fatty
Mammary gland		Fibroadenoma
		Hyperplasia, Cystic
Nasal cavity		Inflammation, Active Chronic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Nos
Salivary gland		Atrophy, Nos
	Submaxillary Duct	Dysplasia, Epithelial
Stomach	Glandular Stomach	Cyst, Multiple
Thyroid		C-Cell Adenoma
		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C55787

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 4-Hexylresorcinol

CAS Number: 136-77-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:43:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3\_138

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Bone marrow		Hyperplasia, Nos
Eye	Retina	Atrophy, Nos
	Lens, Cortex	Cataract
Heart	Myocardium Nos	Fibrosis
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Periportal Bile Ductule	Hyperplasia, Nos
		Metamorphosis, Fatty
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Cyst, Nos
Spleen		Hyperplasia, Reticulum Cell
Thyroid		C-Cell Adenoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
	Adipose Tissue	Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

**ANIMAL ID:** 3\_139

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Angiectasis
	Cortex Nos	Hyperplasia, Focal
Bone marrow		Fibrosis, Myelo
Eye	Retina	Atrophy, Nos
Heart	Myocardium Nos	Fibrosis
	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Cytoplasmic Vacuolization
	Periportal Bile Ductule	Hyperplasia, Nos
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Cyst, Nos
Salivary gland		Atrophy, Nos
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Cyst, Multiple

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

---

**ANIMAL ID:** 3\_140

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Metamorphosis, Fatty

Medulla

Pheochromocytoma, Malignant

Bone marrow

Hyperplasia, Nos

Heart

Myocardium Nos

Fibrosis

Liver

Cytoplasmic Vacuolization

Lung

Centrilobular

Necrosis, Coagulative

Mammary gland

Inflammation, Chronic

Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

---

**ANIMAL ID:** 3\_141

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Metamorphosis, Fatty

Cortex Nos

Necrosis, Coagulative

Bone marrow

Hyperplasia, Nos

Kidney

Tubule

Metamorphosis, Fatty

Liver

Metamorphosis, Fatty

Stomach

Glandular Stomach

Cyst, Multiple

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

**ANIMAL ID:** 3\_142

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Bone marrow		Fibrosis, Myelo
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Periportal Bile Ductule	Hyperplasia, Nos
		Metamorphosis, Fatty
Lung		Pneumonia, Aspiration
Mammary gland		Hyperplasia, Cystic
Ovary		Necrosis, Nos
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Nos
Spleen	Capsule	Fibrosis
		Necrosis, Diffuse
Stomach	Glandular Stomach	Cyst, Multiple
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus		Endometrial Stromal Polyp

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

---

**ANIMAL ID:** 3\_143

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Lung

Edema, Nos

Pituitary gland

Posterior Lobe

Hyperplasia, Lymphoid

Uterus

Cyst, Nos

Hydrometra

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: C55787

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 4-Hexylresorcinol

CAS Number: 136-77-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:43:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3\_144

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Angiectasis Pheochromocytoma
Bone marrow		Hyperplasia, Nos
Heart	Myocardium Nos Myocardium Nos	Degeneration, Nos Fibrosis
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic Cytoplasmic Vacuolization Granuloma, Nos Hernia, Nos
Pancreas	Periportal Bile Ductule Acinus	Hyperplasia, Nos Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Salivary gland		Atrophy, Nos
	Submaxillary Duct	Dysplasia, Epithelial Inflammation, Chronic
Spleen		Hematopoiesis

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

**ANIMAL ID:** 3\_145

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Bone marrow		Hyperplasia, Nos
Brain		Granular-Cell Tumor, Nos
Heart	Myocardium Nos	Fibrosis
Kidney		Nephropathy
Liver	Periportal Bile Ductule	Hyperplasia, Nos
		Metamorphosis, Fatty
		Necrosis, Coagulative
Lung		Perivascular Cuffing
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Salivary gland		Atrophy, Nos
	Submaxillary Duct	Dysplasia, Epithelial
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Cyst, Multiple
Uterus		Endometrial Stromal Polyp

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

**ANIMAL ID:** 3\_146

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Eye	Retina	Atrophy, Nos
	Lens, Cortex	Cataract
Heart	Myocardium Nos	Degeneration, Nos
	Myocardium Nos	Fibrosis
	Myocardium Nos	Inflammation, Chronic
Liver		Cytoplasmic Change, Basophilic
		Granuloma, Nos
	Periportal Bile Ductule	Hyperplasia, Nos
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
Thyroid		Hyperplasia, C Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

**ANIMAL ID:** 3\_147

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Eye	Retina	Atrophy, Nos
	Lens, Cortex	Cataract
Heart	Myocardium Nos	Degeneration, Nos
	Myocardium Nos	Fibrosis
	Myocardium Nos	Inflammation, Chronic
Liver		Clear-Cell Change
		Cytoplasmic Change, Basophilic
	Periportal Bile Ductule	Hyperplasia, Nos
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Stomach	Glandular Stomach	Cyst, Multiple
Thyroid		Hyperplasia, C Cell
Unspecified	Adipose Tissue	Necrosis, Fat
Uterus		Endometrial Stromal Polyp
		Papillary Carcinoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C55787

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 4-Hexylresorcinol

CAS Number: 136-77-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:43:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3\_148

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Cortex Nos Medulla	Angiectasis Hyperplasia, Focal Pheochromocytoma
Bone marrow		Hyperplasia, Nos
Eye	Retina	Atrophy, Nos
Heart	Lens, Cortex	Cataract
Kidney	Myocardium Nos	Fibrosis
Liver		Nephropathy
		Cytoplasmic Change, Basophilic
		Cytoplasmic Change, Nos
	Periportal Bile Ductule	Hyperplasia, Nos
Lung		Hemorrhage
Mammary gland		Fibroadenoma
		Hyperplasia, Cystic
Ovary		Mineralization
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Salivary gland	Submaxillary Duct	Dysplasia, Epithelial
Stomach	Glandular Stomach	Cyst, Multiple
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

**ANIMAL ID:** 3\_149

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Angiectasis
Blood vessel	Aorta Nos	Mineralization
Clitoral gland		Atrophy, Nos
Esophagus		Hyperkeratosis
Heart	Myocardium Nos	Fibrosis
Liver		Metamorphosis, Fatty
Lung		Alveolar Macrophages
Mammary gland		Adenocarcinoma, Nos
		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Salivary gland		Atrophy, Nos
	Submaxillary Duct	Dysplasia, Epithelial
Stomach	Glandular Stomach	Cyst, Multiple
	Forestomach	Edema, Nos
	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Active Chronic
Uterus	Endometrial Gland	Cyst, Nos
		Endometrial Stromal Polyp

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55787

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Hexylresorcinol

**CAS Number:** 136-77-6

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

**Time Report Requested:** 11:43:06

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

**Lab:** NA

**ANIMAL ID:** 3\_150

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Bone marrow		Hyperplasia, Nos
Clitoral gland		Atrophy, Nos
		Carcinoma, Nos
Eye	Retina	Atrophy, Nos
	Lens, Cortex	Cataract
Heart	Myocardium Nos	Fibrosis
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Metamorphosis, Fatty
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Salivary gland	Submaxillary Duct	Dysplasia, Epithelial
Spleen		Hematopoiesis
Thyroid		Hyperplasia, C Cell

**PRIMARY CAUSE OF DEATH**

-

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

\* PROTOCOL REQUIRED TISSUE