

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorinated paraffins: C12, 60% chlorine

CAS Number: 108171-26-2

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

C Number: C53587

Cage Range: All

Date Range: All

Reasons For Removal: All

Removal Date Range: All

Treatment Groups: All

Study Gender: Female

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_001

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis, Focal
Intestine Large	Rectum	Parasitism
Kidney		Nephropathy
Liver		Focal Cellular Change
		Hypertrophy, Nos
Lung		Cholesterol Deposit
Mammary gland		Cystic Ducts
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_002

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Dosing Accident

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Kidney		Nephropathy
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Lung		Congestion, Nos
		Foreign Body, Nos
Mammary gland		Cystic Ducts
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_003

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Congestion, Nos
Heart		Fibrosis, Multifocal
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Lymphocytic Inflammatory Infiltrate
Mammary gland	Mammary Duct	Cyst, Multiple
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Cyst, Nos
Spleen		Fibrosis, Multifocal
		Hemorrhage
Stomach	Glandular Stomach	Edema, Nos
	Forestomach	Hyperkeratosis
	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Acute/Chronic
	Forestomach	Ulcer, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_004

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Angiectasis
	Medulla	Pheochromocytoma
Clitoral gland		Carcinoma, Nos
Eye		Cataract
Intestine Small	Mesentery Nos	Necrosis, Fat
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Hypertrophy, Nos
Mammary gland		Adenosis
	Mammary Duct	Cyst, Multiple
		Fibroadenoma
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Cyst, Nos
	Anterior Pituitary	Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_005

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Clitoral gland

Cortex Nos

Cyst, Nos
Hyperplasia, Nos
Inflammation, Acute Suppurative

Heart
Kidney
Liver

Bile Duct

Thrombus, Mural
Nephropathy
Hyperplasia, Nos
Hypertrophy, Nos
Necrosis, Zonal
Cystic Ducts
Hematopoiesis

Mammary gland
Spleen

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_006

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Harderian gland
Heart
Kidney
Liver
Nasal cavity
Thyroid

Uterus

Medulla
Hardarian Gland

Pheochromocytoma
Lymphocytic Inflammatory Infiltrate
Fibrosis, Focal
Nephropathy
Hypertrophy, Nos
Lymphocytic Inflammatory Infiltrate
Cystic Follicles
Hyperplasia, Follicular Cell
Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_007

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Lymphocytic Inflammatory Infiltrate
Kidney	Nephropathy
Uterus	Prolapse

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_008

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Angiectasis
	Cortex Nos	Necrosis, Focal
Clitoral gland		Atrophy, Nos
Harderian gland	Harderian Gland	Lymphocytic Inflammatory Infiltrate
Heart		Fibrosis, Focal
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Hypertrophy, Nos
		Necrosis, Nos
Mammary gland		Adenosis
	Mammary Duct	Cyst, Multiple
		Fibroadenoma
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pancreas		Atrophy, Nos
		Periarteritis
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Cyst, Nos
	Anterior Pituitary	Hemorrhage
Skin	Ear	Hyperkeratosis
	Ear	Hyperplasia, Epithelial
Spleen		Fibrosis, Focal
Stomach	Glandular Stomach	Edema, Nos
	Glandular Stomach	Inflammation, Acute/Chronic
Thyroid		Follicular-Cell Adenoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_009

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Cecum, Colon

Distention

Cecum, Colon

Edema, Nos

Cecum, Colon

Inflammation, Chronic

Intestine Small

Mesentery Nos

Congestion, Nos

Duodenum

Erosion

Mesentery Nos

Hemorrhage

Mesentery Nos

Torsion

Kidney

Nephropathy

Liver

Hypertrophy, Nos

Necrosis, Focal

Mammary gland

Cystic Ducts

Nasal cavity

Lymphocytic Inflammatory Infiltrate

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Anterior Pituitary

Angiectasis

Anterior Pituitary

Cyst, Multiple

Anterior Pituitary

Hemosiderosis

Thyroid

Cyst, Embryonal Duct

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorinated paraffins: C12, 60% chlorine

CAS Number: 108171-26-2

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_010

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver

Lung

Thymus

Hypertrophy, Nos

Congestion, Nos

Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_011

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland		Atrophy, Nos
Heart		Fibrosis, Multifocal
Intestine Large	Rectum	Parasitism
Kidney		Nephropathy
Liver		Hypertrophy, Nos
Mammary gland		Cystic Ducts
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_012

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Harderian gland

Hardarian Gland

Lymphocytic Inflammatory Infiltrate

Intestine Small

Mesentery Nos

Necrosis, Fat

Kidney

Nephropathy

Liver

Focal Cellular Change

Bile Duct

Hyperplasia, Nos

Mammary gland

Hypertrophy, Nos

Uterus

Fibroadenoma

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_013

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart

Kidney

Liver

Lung

Mammary gland

Pituitary gland

Cortex

Anterior Pituitary

Anterior Pituitary

Fibrosis, Multifocal

Cyst, Multiple

Nephropathy

Hypertrophy, Nos

Histiocytosis

Adenosis

Cystic Ducts

Adenoma, Nos

Angiectasis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorinated paraffins: C12, 60% chlorine

CAS Number: 108171-26-2

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_014

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis, Multifocal
Kidney		Nephropathy
Liver		Focal Cellular Change
		Hypertrophy, Nos
		Neoplastic Nodule
Mammary gland		Cystic Ducts
Pituitary gland	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Hemorrhage
	Anterior Pituitary	Hemosiderosis
Skin	Back	Keratoacanthoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_015

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney		Inflammation, Acute Suppurative Nephropathy
Liver		Hypertrophy, Nos
Mammary gland		Cystic Ducts
Ovary		Cyst, Parovarian
Pancreas		Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Nos
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorinated paraffins: C12, 60% chlorine

CAS Number: 108171-26-2

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_016

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart

Kidney

Liver

Bile Duct

Mammary gland

Pancreas

Fibrosis, Multifocal

Nephropathy

Hyperplasia, Nos

Hypertrophy, Nos

Cystic Ducts

Atrophy, Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorinated paraffins: C12, 60% chlorine

CAS Number: 108171-26-2

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_017

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Liver

Angiectasis

Unspecified

Multiple Organs Nos

Hypertrophy, Nos

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_018

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Angiectasis

Cortical Adenoma

Heart

Medulla

Pheochromocytoma

Fibrosis, Multifocal

Liver

Focal Cellular Change

Mammary gland

Hypertrophy, Nos

Pancreas

Cystic Ducts

Pituitary gland

Anterior Pituitary

Atrophy, Focal

Thyroid

Anterior Pituitary

Adenoma, Nos

Uterus

Angiectasis

Cyst, Embryonal Duct

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_019

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Clitoral gland
Eye
Kidney
Liver

Cortex Nos

Angiectasis
Carcinoma, Nos
Retinopathy
Nephropathy
Hypertrophy, Nos
Necrosis, Focal
Necrosis, Zonal
Neoplastic Nodule

Mammary gland
Unspecified
Uterus

Multiple Organs Nos

Cystic Ducts
Leukemia, Mononuclear Cell
Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_020

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Brain		Compression, Nos
Heart		Fibrosis, Multifocal
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Hypertrophy, Nos
		Malposition, Nos
		Necrosis, Zonal
Mammary gland		Cystic Ducts
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pancreas		Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Cyst, Nos
Stomach	Glandular Stomach	Edema, Nos
	Forestomach	Hyperkeratosis
	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Acute/Chronic
	Forestomach	Ulcer, Nos
Thyroid		C-Cell Adenoma
		Follicular-Cell Adenoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_021

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Hypertrophy, Nos
Mammary gland		Cystic Ducts
		Fibroadenoma
Pancreas		Hyperplasia, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Cyst, Nos
	Anterior Pituitary	Hemosiderosis
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_022

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Mesentery Nos

Necrosis, Fat

Kidney

Nephropathy

Liver

Hypertrophy, Nos

Mammary gland

Adenoma, Nos

Cystic Ducts

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorinated paraffins: C12, 60% chlorine

CAS Number: 108171-26-2

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_023

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Clitoral gland		Atrophy, Nos
Heart		Fibrosis, Focal
Kidney		Nephropathy
Liver		Hypertrophy, Nos
Mammary gland		Cystic Ducts
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Spleen		Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_024

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Intestine Large
Kidney
Liver

Colon

Parasitism
Nephropathy
Hypertrophy, Nos
Neoplastic Nodule

Mammary gland
Pituitary gland

Anterior Pituitary
Anterior Pituitary

Cystic Ducts
Adenoma, Nos
Angiectasis
Follicular-Cell Carcinoma
Endometrial Stromal Polyp
Inflammation, Acute Suppurative

Thyroid
Uterus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorinated paraffins: C12, 60% chlorine

CAS Number: 108171-26-2

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_025

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis
Kidney		Nephropathy
Liver		Angiectasis
	Bile Duct	Hyperplasia, Nos
		Hypertrophy, Nos
		Inflammation, Granulomatous Focal
Pancreas		Ectopia
Thyroid		C-Cell Carcinoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorinated paraffins: C12, 60% chlorine

CAS Number: 108171-26-2

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_026

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis, Multifocal
Kidney		Nephropathy
Liver		Angiectasis
		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
		Hypertrophy, Nos
Mammary gland		Adenocarcinoma, Nos
		Fibroadenoma
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Skin	Tail	Hyperkeratosis
	Tail	Hyperplasia, Epithelial
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_027

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Bone		Fibrous Osteodystrophy
	Skull	Hyperostosis
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Hypertrophy, Nos
		Necrosis, Nos
Mammary gland		Cystic Ducts
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Parathyroid gland		Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Cyst, Multiple
	Anterior Pituitary	Hyperplasia, Nos
Stomach	Forestomach	Hyperplasia, Epithelial
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_028

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis, Multifocal
Intestine Large	Rectum	Parasitism
Kidney		Nephropathy
Liver		Hypertrophy, Nos
Mammary gland		Cystic Ducts
Pancreas		Acinar-Cell Carcinoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Skin	Ear	Hyperplasia, Nos
Thyroid		Follicular-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorinated paraffins: C12, 60% chlorine

CAS Number: 108171-26-2

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_029

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Congestion, Nos

Brain

Hemorrhage

Kidney

Nephropathy

Liver

Bile Duct

Hyperplasia, Nos

Hypertrophy, Nos

Lung

Necrosis, Nos

Mammary gland

Hemorrhage

Unspecified

Multiple Organs Nos

Adenosis

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorinated paraffins: C12, 60% chlorine

CAS Number: 108171-26-2

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_030

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Fibrosis, Multifocal
Kidney	Nephropathy
Liver	Angiectasis
	Hypertrophy, Nos
Lung	Inflammation, Chronic Focal
Uterus	Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_031

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Angiectasis
Heart		Fibrosis, Multifocal
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Hypertrophy, Nos
		Necrosis, Zonal
Mammary gland		Adenosis
		Fibroadenoma
Skin	Ear	Cyst, Epidermal Inclusion
	Ear	Squamous Cell Papilloma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_032

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland
Harderian gland
Heart
Kidney
Liver

Hardarian Gland

Mammary gland

Pituitary gland

Anterior Pituitary
Anterior Pituitary

Cystic Ducts
Lymphocytic Inflammatory Infiltrate
Fibrosis, Multifocal
Nephropathy
Hypertrophy, Nos
Neoplastic Nodule
Cystic Ducts
Fibroadenoma
Adenoma, Nos
Angiectasis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_033

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos Hypertrophy, Nos
Mammary gland		Cystic Ducts
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_034

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Mammary gland

Pituitary gland

Anterior Pituitary

Anterior Pituitary

Anterior Pituitary

Nephropathy

Cystic Ducts

Adenoma, Nos

Angiectasis

Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_035

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
	Medulla	Pheochromocytoma, Malignant
Harderian gland	Hardarian Gland	Lymphocytic Inflammatory Infiltrate
Heart		Fibrosis, Multifocal
Kidney		Nephropathy
Liver		Clear-Cell Change
		Hypertrophy, Nos
		Neoplastic Nodule
Mammary gland		Cystic Ducts
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_036

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephropathy
Liver		Angiectasis
		Hepatocellular Carcinoma
		Hypertrophy, Nos
		Neoplastic Nodule
Mammary gland		Cystic Ducts
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pancreas		Acinar-Cell Adenoma
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorinated paraffins: C12, 60% chlorine

CAS Number: 108171-26-2

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_037

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Ear	Inflammation, Acute Suppurative
Kidney	Nephropathy
Pancreas	Ectopia
Thyroid	Cyst, Embryonal Duct
	Hyperplasia, Cystic
Tongue	Squamous Cell Papilloma
Zymbal gland	Carcinoma, Nos

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_038

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Kidney

Nephropathy

Liver

Bile Duct

Hyperplasia, Nos

Hypertrophy, Nos

Mammary gland

Cystic Ducts

Thyroid

C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorinated paraffins: C12, 60% chlorine

CAS Number: 108171-26-2

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_039

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain		Hemorrhage
Eye		Cataract
		Retinopathy
Intestine Small	Duodenum	Erosion
Kidney		Nephropathy
Liver		Hypertrophy, Nos
Mammary gland		Cystic Ducts
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Hemosiderosis
Skin	Ear	Neurofibrosarcoma
Spleen		Necrosis, Nos
Stomach	Glandular Stomach	Erosion
Thyroid		Follicular-Cell Adenoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_040

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis, Multifocal
Intestine Small	Mesentery Nos	Necrosis, Fat
Kidney		Nephropathy
Liver		Granuloma, Nos
		Hypertrophy, Nos
Lung		Histiocytosis
Mammary gland		Cystic Ducts
Ovary		Cyst, Nos
Pancreas		Acinar-Cell Adenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorinated paraffins: C12, 60% chlorine

CAS Number: 108171-26-2

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_041

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney		Hemangioma
		Nephropathy
Liver		Angiectasis
		Hypertrophy, Nos
Lung		Alveolar/Bronchiolar Adenoma
Mammary gland		Cystic Ducts
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_042

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Brain		Hemorrhage
Heart		Fibrosis
Kidney		Nephropathy
Liver		Cytoplasmic Vacuolization
	Bile Duct	Fibrosis
		Hyperplasia, Nos
		Hypertrophy, Nos
		Necrosis, Nos
Lung		Hyperplasia, Alveolar Epithelium
Mammary gland		Cystic Ducts
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pancreas		Atrophy, Focal
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_043

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos Hypertrophy, Nos
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Cyst, Nos
Thyroid		Hyperplasia, Follicular Cell
Unspecified	Thorax	Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_044

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis, Multifocal
Kidney		Nephropathy
Liver		Focal Cellular Change
		Hypertrophy, Nos
Mammary gland		Cystic Ducts
		Fibroadenoma
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thyroid		Cystic Follicles
		Follicular-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_045

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hypertrophy, Focal
Heart		Fibrosis, Multifocal
Kidney		Nephropathy
Liver		Clear-Cell Change
		Hypertrophy, Nos
Lung		Inflammation, Chronic Focal
Mammary gland		Cystic Ducts
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Ovary		Cyst, Parovarian
Pancreas	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Hemosiderosis
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_046

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Intestine Large
Kidney
Liver

Colon

Parasitism
Nephropathy
Angiectasis
Degeneration, Cystic
Hypertrophy, Nos
Trichoepithelioma
C-Cell Adenoma
Cystic Follicles
Hyperplasia, Follicular Cell

Skin
Thyroid

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_047

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain		Compression, Nos
Kidney		Nephropathy
Liver		Hypertrophy, Nos
		Neoplastic Nodule
Mammary gland		Cystic Ducts
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pancreas		Atrophy, Focal
		Hyperplasia, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Spleen		Hemosiderosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_048

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Necrosis, Focal
	Medulla	Necrosis, Focal
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Hypertrophy, Nos
Mammary gland		Cystic Ducts
		Fibroadenoma
Skin	Abdomen	Hyperkeratosis
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_049

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Intestine Large
Kidney
Liver
Nasal cavity
Pancreas
Skin
Unspecified
Uterus

Rectum

Ear
Multiple Organs Nos

Parasitism
Nephropathy
Hypertrophy, Nos
Lymphocytic Inflammatory Infiltrate
Atrophy, Focal
Squamous Cell Papilloma
Leukemia, Mononuclear Cell
Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_050

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hypertrophy, Focal
Heart		Lymphocytic Inflammatory Infiltrate
Kidney		Nephropathy
Liver		Hypertrophy, Nos
Lung		Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Cyst, Nos
Thyroid		Cystic Follicles
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_001

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland		Atrophy, Nos
Eye		Cataract
		Retinopathy
Heart		Fibrosis, Multifocal
Intestine Large	Rectum	Parasitism
Kidney		Nephropathy
Liver		Hypertrophy, Nos
Mammary gland		Cystic Ducts
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pancreas		Hyperplasia, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Nos
Thyroid		Cystic Follicles
		Follicular-Cell Adenoma
Uterus	Cervix Uteri	Cyst, Nos
		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_002

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain	Cerebellum Nos	Angiectasis
Clitoral gland		Atrophy, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Hypertrophy, Nos
		Necrosis, Zonal
		Neoplastic Nodule
Mammary gland		Cystic Ducts
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Cyst, Multiple
	Anterior Pituitary	Hemosiderosis
Spleen		Fibrosis, Focal
Stomach	Glandular Stomach	Erosion
Thyroid		Cyst, Embryonal Duct
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_003

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Mesentery Nos

Necrosis, Fat

Kidney

Nephropathy

Liver

Neoplastic Nodule

Mammary gland

Cystic Ducts

Thyroid

Fibroadenoma

Hyperplasia, Follicular Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_004

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Fibrosis, Focal
Kidney		Nephropathy
Liver		Hypertrophy, Nos
		Necrosis, Focal
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Ovary		Cyst, Nos
Pituitary gland	Anterior Pituitary	Cyst, Multiple
Thyroid		Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorinated paraffins: C12, 60% chlorine

CAS Number: 108171-26-2

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_005

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland		Atrophy, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Hypertrophy, Nos
		Malposition, Nos
Mammary gland		Cystic Ducts
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pancreas		Ectopia
Pituitary gland	Anterior Pituitary	Cyst, Nos
Spleen		Necrosis, Focal
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorinated paraffins: C12, 60% chlorine

CAS Number: 108171-26-2

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_006

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain		Carcinoma, Nos, Invasive
Kidney		Nephropathy
Liver		Degeneration, Cystic
	Bile Duct	Hyperplasia, Nos
		Hypertrophy, Nos
Mammary gland		Cystic Ducts
		Fibroadenoma
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pancreas		Acinar-Cell Adenoma
Pituitary gland	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Carcinoma, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_007

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Eye		Cataract
		Retinopathy
Heart		Fibrosis, Multifocal
Intestine Small	Mesentery Nos	Necrosis, Fat
Kidney		Nephropathy
Liver		Hypertrophy, Nos
Mammary gland		Cystic Ducts
		Fibroadenoma
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pancreas		Hyperplasia, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Cyst, Multiple
Thyroid		C-Cell Adenoma
		Cystic Follicles
		Follicular-Cell Adenoma
Unspecified		Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_008

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland

Kidney

Liver

Mammary gland

Nasal cavity

Pancreas

Uterus

Bile Duct

Atrophy, Nos

Nephropathy

Cytoplasmic Change, Basophilic

Hyperplasia, Nos

Cystic Ducts

Fibroadenoma

Lymphocytic Inflammatory Infiltrate

Atrophy, Focal

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_009

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Eye		Cataract
		Retinopathy
Heart		Fibrosis, Multifocal
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Hypertrophy, Nos
Mammary gland		Cystic Ducts
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Hemosiderosis
Stomach	Forestomach	Hyperkeratosis
	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Acute/Chronic
	Forestomach	Ulcer, Nos
Thyroid		C-Cell Adenoma
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_010

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland		Inflammation, Acute Suppurative
Eye		Cataract
		Retinopathy
Heart		Fibrosis, Multifocal
Intestine Small	Mesentery Nos	Necrosis, Fat
Kidney		Nephropathy
Liver		Angiectasis
	Bile Duct	Hyperplasia, Nos
		Hypertrophy, Nos
		Neoplastic Nodule
Mammary gland		Cystic Ducts
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pancreas		Hyperplasia, Focal
Pituitary gland	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Hyperplasia, Focal
Stomach	Forestomach	Hyperkeratosis
	Forestomach	Hyperplasia, Epithelial
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorinated paraffins: C12, 60% chlorine

CAS Number: 108171-26-2

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_011

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Eye		Cataract
		Retinopathy
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Hypertrophy, Nos
Mammary gland		Cystic Ducts
		Fibroadenoma
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Ovary		Cyst, Parovarian
Pancreas		Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_012

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Congestion, Nos

Clitoral gland

Medulla

Pheochromocytoma

Kidney

Carcinoma, Nos

Liver

Nephropathy

Malposition, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_013

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Clitoral gland		Inflammation, Acute/Chronic
Heart		Thrombus, Mural
Intestine Small	Mesentery Nos	Necrosis, Fat
Kidney		Nephropathy
Liver		Cytoplasmic Vacuolization
	Bile Duct	Hyperplasia, Nos
		Hypertrophy, Nos
		Necrosis, Nos
Mammary gland		Cystic Ducts
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Cyst, Multiple
	Anterior Pituitary	Hemosiderosis
Spleen		Necrosis, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_014

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Intestine Small	Mesentery Nos	Necrosis, Fat
Kidney		Nephropathy
Liver		Hepatocellular Carcinoma
	Bile Duct	Hyperplasia, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorinated paraffins: C12, 60% chlorine

CAS Number: 108171-26-2

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_015

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland		Adenoma, Nos
Eye		Cataract
		Retinopathy
Heart		Fibrosis, Multifocal
Kidney		Nephropathy
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
		Focal Cellular Change
		Hypertrophy, Nos
Lung		Congestion, Nos
Mammary gland		Cystic Ducts
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pancreas		Acinar-Cell Adenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Stomach	Forestomach	Hyperkeratosis
	Forestomach	Hyperplasia, Epithelial
Uterus		Hydrometra

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_016

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Eye

Cortex Nos

Angiectasis
Cataract

Kidney
Liver

Bile Duct

Retinopathy
Nephropathy
Hyperplasia, Nos
Hypertrophy, Nos

Mammary gland
Nasal cavity
Pancreas

Cystic Ducts
Lymphocytic Inflammatory Infiltrate
Hyperplasia, Focal

Pituitary gland
Stomach

Anterior Pituitary
Glandular Stomach

Cyst, Nos
Edema, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_017

TRT#: 2

DOSE: 312.0 MG/KG

SEX: Female

DISP: Natural Death

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney
Liver
Mammary gland

Nephropathy
Necrosis, Nos
Adenosis
Cystic Ducts
Fibroadenoma
Hematopoiesis
Cystic Follicles
Follicular-Cell Adenoma

Spleen
Thyroid

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_018

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Eye		Cataract
		Retinopathy
Kidney		Nephropathy
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
		Hypertrophy, Nos
		Necrosis, Focal
Mammary gland		Adenosis
		Cystic Ducts
		Fibroadenoma
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Cyst, Nos
Spleen		Hematopoiesis
Stomach		Periarteritis
Uterus		Hydrometra

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_019

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland		Atrophy, Nos
Heart		Fibrosis, Focal
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Hypertrophy, Nos
Mammary gland		Cystic Ducts
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Cyst, Nos
Stomach	Forestomach	Inflammation, Acute Suppurative
Thyroid		Cyst, Embryonal Duct
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_020

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Necrosis, Focal

Kidney

Nephropathy

Liver

Hemorrhage

Lung

Necrosis, Zonal

Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_021

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland		Hemorrhage
		Inflammation, Acute/Chronic
Eye		Cataract
		Retinopathy
Heart		Fibrosis, Focal
Intestine Large	Rectum	Edema, Nos
	Rectum	Inflammation, Acute/Chronic
Kidney		Nephropathy
Liver		Angiectasis
	Bile Duct	Hyperplasia, Nos
		Hypertrophy, Nos
Mammary gland		Adenosis
		Cystic Ducts
		Fibroadenoma
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Hemosiderosis
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_022

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland

Eye

Kidney

Liver

Bile Duct

Lung

Mammary gland

Pancreas

Unspecified

Multiple Organs Nos

Atrophy, Nos

Cataract

Retinopathy

Nephropathy

Hyperplasia, Nos

Hypertrophy, Nos

Necrosis, Zonal

Hemorrhage

Cystic Ducts

Ectopia

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_023

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain		Compression, Nos
Clitoral gland		Atrophy, Nos
Ear	Middle Ear	Compression, Nos
Eye		Cataract
	Nasolacrimal Duct	Inflammation, Acute Suppurative
		Retinopathy
Intestine Large	Rectum	Parasitism
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
		Hypertrophy, Nos
Lymph node	Mesenteric Lymph Node	Angiectasis
Mammary gland		Cystic Ducts
		Fibroadenoma
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Hemosiderosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_024

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos Hypertrophy, Nos Necrosis, Nos
Mammary gland		Cystic Ducts
Pituitary gland	Anterior Pituitary	Cyst, Multiple
	Anterior Pituitary	Hyperplasia, Focal
Stomach	Forestomach	Hyperkeratosis
	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Acute/Chronic
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorinated paraffins: C12, 60% chlorine

CAS Number: 108171-26-2

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_025

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Brain		Hemorrhage
Eye		Cataract
		Retinopathy
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Hypertrophy, Nos
		Necrosis, Focal
Mammary gland		Cystic Ducts
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Cyst, Nos
Stomach	Forestomach	Hyperplasia, Epithelial
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_026

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Necrosis, Hemorrhagic

Kidney

Nephropathy

Liver

Necrosis, Zonal

Unspecified

Multiple Organs Nos

Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_027

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis, Focal
Intestine Small	Mesentery Nos	Necrosis, Fat
Kidney		Nephropathy
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
		Focal Cellular Change
		Hypertrophy, Nos
Lymph node	Mesenteric Lymph Node	Angiectasis
Mammary gland		Adenosis
		Cystic Ducts
		Fibroadenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Skin		Keratoacanthoma
Thyroid		C-Cell Adenoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_028

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Intestine Small
Kidney
Liver

Mesentery Nos

Necrosis, Fat

Mammary gland
Nasal cavity
Pancreas
Pituitary gland

Bile Duct

Nephropathy

Hyperplasia, Nos

Hypertrophy, Nos

Necrosis, Nos

Cystic Ducts

Lymphocytic Inflammatory Infiltrate

Hyperplasia, Focal

Stomach

Anterior Pituitary

Adenoma, Nos

Anterior Pituitary

Angiectasis

Anterior Pituitary

Hemosiderosis

Forestomach

Hyperkeratosis

Forestomach

Hyperplasia, Epithelial

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

Uterus

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_029

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland		Atrophy, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
		Hypertrophy, Nos
Lung		Squamous Cell Carcinoma
Mammary gland		Cystic Ducts
		Fibroadenoma
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Angiectasis
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_030

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland
Kidney
Liver

Atrophy, Nos
Nephropathy
Cytoplasmic Change, Basophilic
Hypertrophy, Nos
Malposition, Nos

Mammary gland

Cystic Ducts
Fibroadenoma

Nasal cavity
Pancreas

Lymphocytic Inflammatory Infiltrate
Acinar-Cell Adenoma

Uterus

Endometrial Stromal Polyp
Polyp, Nos

Cervix Uteri

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_031

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland		Atrophy, Nos
Heart		Fibrosis, Multifocal
Kidney		Nephropathy
Liver		Focal Cellular Change
		Hypertrophy, Nos
Mammary gland		Cystic Ducts
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Hemosiderosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_032

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland		Atrophy, Nos
Kidney		Nephropathy
Liver		Hypertrophy, Nos
Lymph node	Mesenteric Lymph Node	Angiectasis
Mammary gland		Cystic Ducts
Pituitary gland	Anterior Pituitary	Cyst, Nos
Stomach	Forestomach	Hyperkeratosis
	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Acute/Chronic
	Forestomach	Ulcer, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_033

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Clitoral gland

Cortex Nos

Hyperplasia, Focal
Adenoma, Nos
Cystic Ducts

Eye

Cataract
Retinopathy

Kidney

Nephropathy

Liver

Bile Duct

Hyperplasia, Nos
Hypertrophy, Nos
Necrosis, Nos

Mammary gland

Cystic Ducts

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_034

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephropathy
Liver		Hypertrophy, Nos
Mammary gland		Cystic Ducts
		Fibroadenoma
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pancreas		Ectopia
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Hemosiderosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_035

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney
Liver

Nephropathy
Hypertrophy, Nos
Leukemoid Reaction
Necrosis, Nos

Mammary gland
Pituitary gland
Thyroid
Unspecified
Uterus

Anterior Pituitary

Multiple Organs Nos

Cystic Ducts
Cyst, Nos
Follicular-Cell Adenoma
Inflammation, Acute Suppurative
Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorinated paraffins: C12, 60% chlorine

CAS Number: 108171-26-2

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_036

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Necrosis, Focal

Kidney

Nephropathy

Liver

Hypertrophy, Nos

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_037

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Cortical Adenoma
	Cortex Nos	Hypertrophy, Focal
Heart		Fibrosis, Focal
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
		Hypertrophy, Nos
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pancreas		Acinar-Cell Adenoma
Pituitary gland	Anterior Pituitary	Cyst, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus		Adenoma, Nos
		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_038

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis, Multifocal
Intestine Small	Mesentery Nos	Necrosis, Fat
Kidney		Nephropathy
Liver		Congenital Malformation, Nos
		Cytoplasmic Change, Basophilic
		Hypertrophy, Nos
Lung		Hemorrhage
		Inflammation, Granulomatous Focal
Mammary gland		Cystic Ducts
		Fibroadenoma
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pancreas		Acinar-Cell Adenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_039

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Rectum

Parasitism

Kidney

Nephropathy

Liver

Hypertrophy, Nos

Mammary gland

Cystic Ducts

Nasal cavity

Lymphocytic Inflammatory Infiltrate

Pancreas

Atrophy, Focal

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Anterior Pituitary

Angiectasis

Anterior Pituitary

Hemosiderosis

Uterus

Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorinated paraffins: C12, 60% chlorine

CAS Number: 108171-26-2

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_040

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland

Adenoma, Nos

Heart

Necrosis, Nos

Kidney

Fibrosis, Multifocal

Liver

Nephropathy

Cytoplasmic Change, Basophilic

Hypertrophy, Nos

Mammary gland

Neoplastic Nodule

Nasal cavity

Cystic Ducts

Pituitary gland

Lymphocytic Inflammatory Infiltrate

Anterior Pituitary

Adenoma, Nos

Anterior Pituitary

Angiectasis

Thyroid

Angiectasis

C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorinated paraffins: C12, 60% chlorine

CAS Number: 108171-26-2

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_041

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis, Multifocal
Kidney		Nephropathy
Mammary gland		Cystic Ducts
Nasal cavity		Infection, Fungal
		Inflammation, Acute Suppurative
		Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Cyst, Nos
Thyroid		Cystic Follicles
		Hyperplasia, Follicular Cell
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_042

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Mammary gland		Cystic Ducts
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Ovary		Cyst, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Hemosiderosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014
Time Report Requested: 16:19:21
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_043

TRT#: 2
DOSE: 312.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart		Fibrosis, Multifocal
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
		Hypertrophy, Nos
Mammary gland		Cystic Ducts
Nasal cavity		Infection, Fungal
		Inflammation, Acute Suppurative
		Lymphocytic Inflammatory Infiltrate
Pancreas		Atrophy, Focal
		Hyperplasia, Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorinated paraffins: C12, 60% chlorine

CAS Number: 108171-26-2

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_044

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephropathy
Liver		Cytoplasmic Vacuolization
	Bile Duct	Hyperplasia, Nos
		Hypertrophy, Nos
		Necrosis, Zonal
Mammary gland		Cystic Ducts
		Fibroadenoma
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Cyst, Multiple
Stomach	Glandular Stomach	Erosion
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_045

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Heart		Fibrosis, Multifocal
Intestine Large	Colon	Parasitism
Kidney	Cortex	Cyst, Nos
		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
		Hypertrophy, Nos
Mammary gland		Adenosis
		Cystic Ducts
		Fibroadenoma
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Cyst, Nos
Thyroid		C-Cell Adenoma
		Cystic Follicles
		Follicular-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorinated paraffins: C12, 60% chlorine

CAS Number: 108171-26-2

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_046

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Eye	Nasolacrimal Duct	Cataract Inflammation, Acute Suppurative Retinopathy
Heart		Fibrosis, Focal
Intestine Large	Rectum	Parasitism
Kidney		Nephropathy
Liver		Angiectasis Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos Hypertrophy, Nos
Lymph node	Mesenteric Lymph Node	Angiectasis
Mammary gland		Fibroadenoma
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Cyst, Nos
Uterus		Endometrial Stromal Sarcoma Necrosis, Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_047

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Mammary gland		Cystic Ducts
Pituitary gland	Anterior Pituitary	Cyst, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorinated paraffins: C12, 60% chlorine

CAS Number: 108171-26-2

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_048

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Angiectasis
Kidney		Nephropathy
Liver		Cytoplasmic Vacuolization
	Bile Duct	Hyperplasia, Nos
		Hypertrophy, Nos
		Necrosis, Zonal
Mammary gland		Cystic Ducts
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Hemosiderosis
Skin	Neck	Keratoacanthoma
Stomach	Glandular Stomach	Erosion
Thyroid		Follicular-Cell Adenoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_049

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos Hypertrophy, Nos Necrosis, Zonal
Mammary gland		Cystic Ducts Fibroadenoma
Pituitary gland	Anterior Pituitary Anterior Pituitary	Adenoma, Nos Cyst, Nos
Spleen		Necrosis, Focal
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorinated paraffins: C12, 60% chlorine

CAS Number: 108171-26-2

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_050

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Eye

Cataract

Kidney

Retinopathy

Liver

Nephropathy

Mammary gland

Bile Duct

Hyperplasia, Nos

Nasal cavity

Cystic Ducts

Ovary

Lymphocytic Inflammatory Infiltrate

Pancreas

Cyst, Nos

Pituitary gland

Anterior Pituitary

Hyperplasia, Focal

Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorinated paraffins: C12, 60% chlorine

CAS Number: 108171-26-2

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_001

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Bile Duct

Hyperplasia, Nos

Lung

Histiocytosis

Pancreas

Hyperplasia, Focal

Thyroid

C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_002

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Liver		Cytoplasmic Change, Basophilic Cytoplasmic Vacuolization
Mammary gland		Fibroadenoma
Ovary		Cyst, Parovarian
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_003

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Bone	Skull	Hyperostosis
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Lung		Hyperplasia, Alveolar Epithelium
Mammary gland		Cystic Ducts
		Fibroadenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_004

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic Hyperplasia, Nos
	Bile Duct	Lymphocytic Inflammatory Infiltrate
Nasal cavity		Cyst, Parovarian
Ovary		Hyperplasia, Focal
Pancreas		Hyperplasia, C Cell
Thyroid		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_005

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Harderian gland

Hardarian Gland

Lymphocytic Inflammatory Infiltrate

Heart

Fibrosis, Multifocal

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Bile Duct

Hyperplasia, Nos

Lung

Congestion, Nos

Mammary gland

Cystic Ducts

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Anterior Pituitary

Angiectasis

Anterior Pituitary

Cyst, Nos

Anterior Pituitary

Hemorrhage

Uterus

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorinated paraffins: C12, 60% chlorine

CAS Number: 108171-26-2

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_006

TRT#: 3

DOSE: 0

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Liver

Mammary gland

Thyroid

Uterus

Cortical Adenoma

Nephropathy

Cytoplasmic Change, Basophilic

Adenosis

Cystic Ducts

Hyperplasia, C Cell

Hydrometra

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_007

TRT#: 3

DOSE: 0

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart		Fibrosis, Multifocal
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
Mammary gland		Cystic Ducts
Nasal cavity		Infection, Fungal
		Inflammation, Acute Suppurative
		Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_008

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney
Liver
Mammary gland

Cortex Nos

Degeneration, Lipoid
Fibrosis, Multifocal
Nephropathy
Cytoplasmic Change, Basophilic
Adenocarcinoma, Nos
Cystic Ducts
Lymphocytic Inflammatory Infiltrate
Adenoma, Nos
Angiectasis
Hemosiderosis

Nasal cavity
Pituitary gland

Anterior Pituitary
Anterior Pituitary
Anterior Pituitary

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_009

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Cortex Nos Medulla	Accessory Structure Degeneration, Lipoid Hematopoiesis
Clitoral gland		Atrophy, Nos
Heart		Fibrosis, Multifocal
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Lung		Carcinoma, Nos, Metastatic
Mammary gland		Cystic Ducts
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary Anterior Pituitary Anterior Pituitary	Angiectasis Carcinoma, Nos Hemosiderosis
Spleen		Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_010

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland		Atrophy, Nos
Heart		Fibrosis, Multifocal
Kidney		Nephropathy
Liver		Cytoplasmic Vacuolization
	Bile Duct	Hyperplasia, Nos
		Necrosis, Focal
Mammary gland		Cystic Ducts
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pancreas		Atrophy, Focal
Pituitary gland	Anterior Pituitary	Cyst, Nos
Unspecified		Fibrous Histiocytoma, Malignant
	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_011

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland		Atrophy, Nos
Heart		Fibrosis, Multifocal
Intestine Large	Rectum	Parasitism
Intestine Small	Mesentery Nos	Necrosis, Fat
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Mammary gland		Adenosis
		Cystic Ducts
		Fibroadenoma
Nasal cavity		Infection, Fungal
		Inflammation, Acute Suppurative
		Lymphocytic Inflammatory Infiltrate
Pancreas		Acinar-Cell Adenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Nos
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_012

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart		Fibrosis, Multifocal
Kidney	Cortex	Cyst, Nos Nephropathy
Liver		Cytoplasmic Change, Basophilic
Mammary gland	Bile Duct	Hyperplasia, Nos Cystic Ducts
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Hemosiderosis
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014
Time Report Requested: 16:19:21
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_013

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Clitoral gland		Inflammation, Granulomatous Focal
Heart		Fibrosis, Multifocal
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Lung		Hyperplasia, Alveolar Epithelium
Mammary gland		Cystic Ducts
		Fibroadenoma
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Ovary		Cyst, Nos
Pituitary gland	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Hyperplasia, Focal
Stomach	Forestomach	Cyst, Nos
Thyroid		C-Cell Adenoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorinated paraffins: C12, 60% chlorine

CAS Number: 108171-26-2

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_014

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain		Compression, Nos
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Mammary gland		Adenosis
		Cystic Ducts
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Hemosiderosis
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_015

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Eye		Cataract
		Retinopathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Mammary gland		Cystic Ducts
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Skin	Back	Basal-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_016

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Liver

Medulla

Hyperplasia, Focal
Fibrosis, Multifocal
Cytoplasmic Change, Basophilic
Hyperplasia, Nos
Inflammation, Granulomatous Focal

Bile Duct

Cystic Ducts
Lymphocytic Inflammatory Infiltrate

Mammary gland
Nasal cavity
Pituitary gland

Anterior Pituitary
Anterior Pituitary
Anterior Pituitary

Adenoma, Nos
Angiectasis
Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_017

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Intestine Small

Kidney

Liver

Mammary gland

Nasal cavity

Thyroid

Rectum

Mesentery Nos

Bile Duct

Parasitism

Necrosis, Fat

Nephropathy

Cytoplasmic Change, Basophilic

Hyperplasia, Nos

Inflammation, Granulomatous Focal

Cystic Ducts

Infection, Fungal

Inflammation, Acute Suppurative

Lymphocytic Inflammatory Infiltrate

C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorinated paraffins: C12, 60% chlorine

CAS Number: 108171-26-2

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_018

TRT#: 3

DOSE: 0

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Liver	Cytoplasmic Change, Basophilic
Mammary gland	Fibroadenoma
Pancreas	Atrophy, Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_019

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hypertrophy, Focal
Brain		Compression, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Necrosis, Nos
Mammary gland		Cystic Ducts
Pituitary gland	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Carcinoma, Nos
Stomach	Forestomach	Hyperkeratosis
	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Chronic Focal
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorinated paraffins: C12, 60% chlorine

CAS Number: 108171-26-2

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_020

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Clitoral gland
Eye

Medulla

Pheochromocytoma

Heart
Intestine Small
Kidney
Liver

Mesentery Nos

Atrophy, Nos

Cataract

Retinopathy

Fibrosis, Multifocal

Necrosis, Fat

Nephropathy

Cytoplasmic Change, Basophilic

Mammary gland
Nasal cavity
Thyroid

Bile Duct

Hyperplasia, Nos

Cystic Ducts

Lymphocytic Inflammatory Infiltrate

Cystic Follicles

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorinated paraffins: C12, 60% chlorine

CAS Number: 108171-26-2

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_021

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Intestine Large

Kidney

Liver

Mammary gland

Nasal cavity

Pituitary gland

Skin

Spleen

Rectum

Anterior Pituitary

Anterior Pituitary

Nose

Cortical Adenoma

Fibrosis, Multifocal

Parasitism

Nephropathy

Inflammation, Granulomatous Focal

Adenocarcinoma, Nos

Cystic Ducts

Lymphocytic Inflammatory Infiltrate

Adenoma, Nos

Angiectasis

Inflammation, Acute Suppurative

Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorinated paraffins: C12, 60% chlorine

CAS Number: 108171-26-2

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_022

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Heart		Fibrosis, Multifocal
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Mammary gland		Cystic Ducts
		Fibroadenoma
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_023

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Kidney

Liver

Rectum

Bile Duct

Mammary gland

Nasal cavity

Pituitary gland

Anterior Pituitary

Anterior Pituitary

Parasitism

Nephropathy

Cytoplasmic Change, Basophilic

Hyperplasia, Nos

Inflammation, Granulomatous Focal

Adenosis

Cystic Ducts

Fibroadenoma

Lymphocytic Inflammatory Infiltrate

Adenoma, Nos

Angiectasis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_024

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Eye	Nasolacrimal Duct	Dilatation, Nos
Heart		Fibrosis, Multifocal
Intestine Small	Mesentery Nos	Necrosis, Fat
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Mammary gland		Cystic Ducts
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Cyst, Nos
Thyroid		C-Cell Adenoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorinated paraffins: C12, 60% chlorine

CAS Number: 108171-26-2

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_025

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Mammary gland

Nasal cavity

Spleen

Unspecified

Multiple Organs Nos

Cystic Ducts

Lymphocytic Inflammatory Infiltrate

Hematopoiesis

Mesothelioma, Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_026

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Brain		Granular-Cell Tumor, Nos
Clitoral gland		Cystic Ducts
Eye	Nasolacrimal Duct	Inflammation, Acute Suppurative
Heart		Fibrosis, Multifocal
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Mammary gland		Cystic Ducts
		Fibroadenoma
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_027

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain		Compression, Nos
Eye	Nasolacrimal Duct	Dilatation, Nos
	Nasolacrimal Duct	Inflammation, Acute Suppurative
Heart		Fibrosis, Multifocal
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
		Necrosis, Focal
Mammary gland		Cystic Ducts
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Hemosiderosis
Stomach	Forestomach	Foreign Body, Nos
	Forestomach	Hyperkeratosis
	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Granulomatous Focal
	Forestomach	Mineralization
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_028

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorinated paraffins: C12, 60% chlorine

CAS Number: 108171-26-2

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_029

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland		Adenoma, Nos
		Cystic Ducts
Heart		Fibrosis, Multifocal
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Necrosis, Focal
Mammary gland		Cystic Ducts
		Fibroadenoma
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Skin		Inflammation, Acute/Chronic
Thyroid		C-Cell Adenoma
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorinated paraffins: C12, 60% chlorine

CAS Number: 108171-26-2

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_030

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Clitoral gland

Heart

Kidney

Liver

Mammary gland

Nasal cavity

Pituitary gland

Stomach

Bile Duct

Anterior Pituitary

Glandular Stomach

Cortical Adenoma

Inflammation, Acute Suppurative

Fibrosis, Multifocal

Nephropathy

Cytoplasmic Change, Basophilic

Hyperplasia, Nos

Cystic Ducts

Fibroadenoma

Lymphocytic Inflammatory Infiltrate

Cyst, Nos

Mineralization

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_031

TRT#: 3
DOSE: 0

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Eye		Cataract
		Retinopathy
Intestine Large	Cecum, Colon	Ulcer, Nos
Kidney		Nephropathy
Liver		Malposition, Nos
Mammary gland		Adenosis
		Cystic Ducts
		Fibroadenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Glandular Stomach	Ulcer, Nos
Thyroid		C-Cell Adenoma
Urinary bladder		Calculus, Gross Observation Only
Uterus		Endometrial Stromal Sarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_032

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Eye	Nasolacrimal Duct	Dilatation, Nos
	Nasolacrimal Duct	Inflammation, Acute Suppurative
Heart		Fibrosis, Multifocal
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
Mammary gland		Adenosis
		Cystic Ducts
		Fibroadenoma
Pancreas		Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Hemosiderosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_033

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland		Atrophy, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Mammary gland		Cystic Ducts
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Cyst, Nos
	Anterior Pituitary	Hyperplasia, Focal
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_034

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Clitoral gland		Atrophy, Nos
Eye	Nasolacrimal Duct	Dilatation, Nos
	Nasolacrimal Duct	Inflammation, Acute Suppurative
Liver		Cytoplasmic Change, Basophilic
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_035

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Rectum

Parasitism

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Inflammation, Granulomatous Focal

Mammary gland

Cystic Ducts

Fibroadenoma

Nasal cavity

Lymphocytic Inflammatory Infiltrate

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Anterior Pituitary

Angiectasis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_036

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland		Atrophy, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Mammary gland		Cystic Ducts
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Spleen		Hematopoiesis
Stomach	Forestomach	Hyperkeratosis
	Forestomach	Hyperplasia, Epithelial
	Forestomach	Ulcer, Nos
Unspecified	Multiple Organs Nos	Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_037

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland		Cystic Ducts
Harderian gland	Harderian Gland	Lymphocytic Inflammatory Infiltrate
Heart		Inflammation, Chronic Focal
Intestine Large	Colon	Parasitism
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Mammary gland		Cystic Ducts
		Fibroadenoma
Ovary		Cyst, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Hemosiderosis
Spleen		Hematopoiesis
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_038

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland		Atrophy, Nos
Intestine Small	Ileum, Ileum	Neurilemoma
Liver		Cytoplasmic Change, Basophilic
Mammary gland		Cystic Ducts
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Nerve, peripheral	Paraganglion Nos	Paraganglioma, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_039

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Fibrosis, Focal
Liver		Cytoplasmic Vacuolization
	Bile Duct	Hyperplasia, Nos
Mammary gland		Cystic Ducts
Stomach	Forestomach	Hyperkeratosis
	Forestomach	Hyperplasia, Epithelial
	Forestomach	Perforation, Inflammatory
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_040

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis, Multifocal
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic Inflammation, Granulomatous Focal
Mammary gland		Cystic Ducts Fibroadenoma
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pancreas		Hyperplasia, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_041

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Brain		Carcinoma, Nos, Invasive
Eye	Nasolacrimal Duct	Dilatation, Nos
	Nasolacrimal Duct	Inflammation, Acute Suppurative
Heart		Fibrosis, Multifocal
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Mammary gland		Cystic Ducts
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Carcinoma, Nos
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_042

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Clitoral gland		Atrophy, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Mammary gland		Cystic Ducts
		Fibroadenoma
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pancreas		Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Cyst, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus		Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_043

TRT#: 3

DOSE: 0

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Brain		Compression, Nos
Clitoral gland		Atrophy, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
Lung		Hyperplasia, Alveolar Epithelium
Mammary gland		Cystic Ducts
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_044

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma, Malignant
Clitoral gland		Atrophy, Nos
Heart		Fibrosis, Multifocal
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Cytoplasmic Vacuolization
		Hypertrophy, Nos
		Mitotic Alteration
Mammary gland		Cystic Ducts
		Fibroadenoma
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_045

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Brain		Compression, Nos
Clitoral gland		Atrophy, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
		Inflammation, Granulomatous Focal
Mammary gland		Cystic Ducts
		Fibroadenoma
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Cyst, Nos
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_046

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis, Multifocal
Mammary gland		Adenosis
		Cystic Ducts
		Fibroadenoma
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_047

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Intestine Small
Liver

Mesentery Nos

Necrosis, Fat
Cytoplasmic Vacuolization

Bile Duct

Hyperplasia, Nos
Necrosis, Nos

Lymph node
Mammary gland

Mandibular Lymph Node

Lymphangiectasis
Cystic Ducts

Pituitary gland
Thyroid

Anterior Pituitary

Cyst, Nos
Cystic Follicles

Unspecified
Uterus

Multiple Organs Nos

Leukemia, Mononuclear Cell
Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_048

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Necrosis, Focal

Clitoral gland

Atrophy, Nos

Liver

Bile Duct

Hyperplasia, Nos

Necrosis, Zonal

Nasal cavity

Lymphocytic Inflammatory Infiltrate

Pancreas

Islets

Islet-Cell Adenoma

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_049

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland		Atrophy, Nos
Heart		Fibrosis, Multifocal
Liver	Bile Duct	Hyperplasia, Nos
		Necrosis, Zonal
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Hemorrhage
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 16:19:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_050

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland		Atrophy, Nos
Eye	Nasolacrimal Duct	Inflammation, Acute Suppurative
Heart		Fibrosis, Multifocal
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
Mammary gland		Cystic Ducts
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****