

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:48

First Dose M/F: NA / NA

Lab: NA

C Number: C53543

Cage Range: All

Date Range: All

Reasons For Removal: All

Removal Date Range: All

Treatment Groups: All

Study Gender: Male

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorinated paraffins: C23, 43% chlorine

CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_001

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 375.0 CG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Eye		Cataract
		Retinopathy
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Inflammation, Granulomatous Focal
		Lymphocytic Inflammatory Infiltrate
		Pigmentation, Nos
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
Spleen		Hyperplasia, Stromal
Testis		Interstitial-Cell Tumor
Zymbal gland		Carcinoma, Nos

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_002

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 375.0 CG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain		Hemorrhage
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Inflammation, Granulomatous Focal
		Pigmentation, Nos
Lymph node	Pancreatic Lymph Node	Inflammation, Granulomatous
Pancreas	Islets	Islet-Cell Adenoma
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_003

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 375.0 CG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Pheochromocytoma

Heart

Myocardium Nos

Inflammation, Chronic

Kidney

Nephropathy

Liver

Bile Duct

Hyperplasia, Nos

Inflammation, Granulomatous Focal

Lymphocytic Inflammatory Infiltrate

Pigmentation, Nos

Lymph node

Pancreatic Lymph Node

Hyperplasia, Lymphoid

Spleen

Pancreatic Lymph Node

Inflammation, Granulomatous

Testis

Congestion, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_004

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 375.0 CG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Hematopoietic
Eye		Cataract
		Retinopathy
Heart	Myocardium Nos	Inflammation, Chronic
		Periarteritis
Intestine Small	Mesentery Nos	Lymphocytic Inflammatory Infiltrate
	Mesentery Nos	Periarteritis
Kidney		Nephropathy
Liver		Inflammation, Granulomatous Focal
		Lymphocytic Inflammatory Infiltrate
		Pigmentation, Nos
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Spleen		Congestion, Nos
		Hyperplasia, Lymphoid
		Hyperplasia, Nodular
Stomach		Periarteritis
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_005

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 375.0 CG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Intestine Small	Mesentery Nos	Steatitis
Liver		Inflammation, Granulomatous Focal
Lung		Congestion, Nos
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_006

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 375.0 CG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver		Pigmentation, Nos
Lymph node	Mesenteric Lymph Node	Pigmentation, Nos
Testis		Interstitial-Cell Tumor
	Spermatic Cord Nos	Steatitis
Unspecified		Fibroma
	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_007

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 375.0 CG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Eye		Cataract
		Retinopathy
Heart	Myocardium Nos	Inflammation, Chronic
		Periarteritis
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Inflammation, Granulomatous Focal
		Lymphocytic Inflammatory Infiltrate
		Pigmentation, Nos
Preputial gland		Cystic Ducts
		Inflammation, Suppurative
Skin		Keratoacanthoma
Spleen		Fibrosis, Focal
Stomach		Periarteritis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_008

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 375.0 CG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver	Bile Duct	Hyperplasia, Nos Inflammation, Granulomatous Focal
Lung		Pneumonia, Aspiration
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_009

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 375.0 CG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Eye		Cataract
		Retinopathy
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Inflammation, Granulomatous Focal
		Lymphocytic Inflammatory Infiltrate
		Pigmentation, Nos
Lung		Pneumonia, Aspiration
Lymph node	Pancreatic Lymph Node	Inflammation, Granulomatous
Nasal cavity		Hyperplasia, Epithelial
		Infection, Fungal
		Inflammation, Suppurative
Pancreas		Metaplasia, Squamous
Pituitary gland	Anterior Pituitary	Periarteritis
	Anterior Pituitary	Angiectasis
		Hyperplasia, Focal
Prostate		Inflammation, Suppurative
Spleen		Congestion, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_010

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 375.0 CG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Blood vessel	Sup.Panc-Duod.Artery	Arteriosclerosis, Nos
Eye		Cataract
		Retinopathy
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver		Fibrosis, Cholangio
	Bile Duct	Hyperplasia, Nos
		Inflammation, Granulomatous Focal
		Lymphocytic Inflammatory Infiltrate
		Pigmentation, Nos
Lymph node	Pancreatic Lymph Node	Hyperplasia, Lymphoid
	Mesenteric Lymph Node	Inflammation, Granulomatous
	Pancreatic Lymph Node	Inflammation, Granulomatous
Spleen		Congestion, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_011

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 375.0 CG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Eye		Retinopathy
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver		Hyperplasia, Nodular
	Bile Duct	Hyperplasia, Nos
		Inflammation, Granulomatous Focal
		Lymphocytic Inflammatory Infiltrate
		Pigmentation, Nos
Lymph node	Mediastinal Lymph Node	Lymphangiectasis
	Pancreatic Lymph Node	Lymphangiectasis
Nasal cavity		Infection, Fungal
		Inflammation, Suppurative
Spleen		Congestion, Nos
Unspecified		Fibroma
	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_012

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 375.0 CG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Cystic Lymphocytic Inflammatory Infiltrate
Eye	Cortex Nos	Pigmentation, Nos Cataract Retinopathy
Heart	Myocardium Nos Atrium	Inflammation, Chronic Thrombus, Mural
Kidney	Tubule	Nephropathy Pigmentation, Nos
Liver		Inflammation, Granulomatous Focal Lymphocytic Inflammatory Infiltrate Pigmentation, Nos
Lymph node	Mediastinal Lymph Node Mesenteric Lymph Node Pancreatic Lymph Node Mesenteric Lymph Node Pancreatic Lymph Node	Hyperplasia, Lymphoid Hyperplasia, Lymphoid Hyperplasia, Lymphoid Inflammation, Granulomatous Inflammation, Granulomatous
Pituitary gland	Anterior Pituitary Anterior Pituitary	Adenoma, Nos Angiectasis
Seminal vesicle		Dilatation, Nos
Spleen		Congestion, Nos
Stomach	Forestomach	Inflammation, Chronic Focal
Unspecified	Foot Foot	Hemorrhage Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_013

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 375.0 CG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Eye		Cataract
		Retinopathy
Heart	Myocardium Nos	Inflammation, Chronic
	Atrium	Thrombus, Mural
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Inflammation, Granulomatous Focal
		Lymphocytic Inflammatory Infiltrate
		Pigmentation, Nos
Lymph node	Pancreatic Lymph Node	Hyperplasia, Lymphoid
	Pancreatic Lymph Node	Inflammation, Granulomatous
Nasal cavity		Inflammation, Suppurative
Pancreas		Acinar-Cell Adenoma
	Acinus	Hyperplasia, Focal
Spleen		Fibrosis, Focal
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_014

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 375.0 CG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Eye		Cataract
		Retinopathy
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Inflammation, Granulomatous Focal
		Lymphocytic Inflammatory Infiltrate
		Pigmentation, Nos
Lymph node	Pancreatic Lymph Node	Hyperplasia, Lymphoid
	Pancreatic Lymph Node	Inflammation, Granulomatous
Nasal cavity		Foreign Body, Nos
		Inflammation, Suppurative
Pancreas	Acinus	Atrophy, Nos
Spleen		Congestion, Nos
Stomach	Forestomach	Hyperplasia, Papillary
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_015

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 375.0 CG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Cytoplasmic Vacuolization Pheochromocytoma
Eye		Cataract Retinopathy
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver		Inflammation, Granulomatous Focal Lymphocytic Inflammatory Infiltrate
Lung		Lymphocytic Inflammatory Infiltrate
Nasal cavity		Foreign Body, Nos Inflammation, Suppurative
Pituitary gland	Anterior Pituitary Anterior Pituitary	Adenoma, Nos Angiectasis
Prostate		Inflammation, Suppurative
Spleen		Congestion, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_016

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 375.0 CG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Eye		Cataract
		Retinopathy
Heart	Myocardium Nos	Inflammation, Chronic
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Inflammation, Granulomatous Focal
		Lymphocytic Inflammatory Infiltrate
		Pigmentation, Nos
Lymph node	Pancreatic Lymph Node	Inflammation, Granulomatous
Mammary gland		Cystic Ducts
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Nos
Preputial gland		Inflammation, Chronic
Spleen		Congestion, Nos
Stomach	Submucosa	Inflammation, Granulomatous
	Forestomach	Ulcer, Nos
Unspecified	Ear	Neurofibrosarcoma

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_017

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 375.0 CG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Eye		Cataract
		Retinopathy
Heart	Myocardium Nos	Inflammation, Chronic
Intestine Large	Cecum, Colon	Edema, Nos
Intestine Small	Mesentery Nos	Steatitis
Kidney		Nephropathy
Liver		Hemorrhage
		Inflammation, Granulomatous Focal
		Lymphocytic Inflammatory Infiltrate
	Centrilobular	Necrosis, Coagulative
		Neoplastic Nodule
		Pigmentation, Nos
		Thrombosis, Nos
Lymph node	Mesenteric Lymph Node	Angiectasis
	Mesenteric Lymph Node	Inflammation, Granulomatous
Pancreas	Acinus	Atrophy, Nos
Prostate		Inflammation, Suppurative
Stomach	Forestomach	Edema, Nos
Testis		Atrophy, Nos
Thyroid		C-Cell Adenoma
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_018

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 375.0 CG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hematopoiesis
Bone marrow		Fibrosis, Myelo
Eye		Cataract
		Retinopathy
Intestine Large	Cecum, Colon	Parasitism
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Inflammation, Granulomatous Focal
		Lymphocytic Inflammatory Infiltrate
		Pigmentation, Nos
Lung		Pneumonia, Aspiration
Lymph node	Pancreatic Lymph Node	Angiectasis
	Mesenteric Lymph Node	Inflammation, Granulomatous
	Pancreatic Lymph Node	Inflammation, Granulomatous
Nasal cavity		Infection, Fungal
		Inflammation, Suppurative
Preputial gland		Atrophy, Nos
Spleen		Congestion, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Axilla	Fibroma

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_019

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 375.0 CG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Blood vessel	Sup.Panc-Duod.Artery	Arteriosclerosis, Nos
	Mesenteric Artery Nos	Mineralization
Heart	Myocardium Nos	Inflammation, Chronic
Intestine Large	Colon	Edema, Nos
Intestine Small	Mesentery Nos	Lymphocytic Inflammatory Infiltrate
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Inflammation, Granulomatous Focal
		Lymphocytic Inflammatory Infiltrate
		Pigmentation, Nos
Lymph node	Mesenteric Lymph Node	Inflammation, Granulomatous
Mammary gland		Cystic Ducts
Pancreas		Fibrosis, Focal
	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Carcinoma, Nos
Prostate		Inflammation, Suppurative
Spleen		Congestion, Nos
Stomach		Periarteritis
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_020

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 375.0 CG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Heart	Atrium	Thrombus, Mural
Liver		Inflammation, Granulomatous Focal
		Pigmentation, Nos
Lymph node	Mesenteric Lymph Node	Congestion, Nos
Prostate		Inflammation, Suppurative
Testis		Atrophy, Nos
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_021

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 375.0 CG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Thrombus, Mural
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver	Centrilobular	Degeneration, Nos
	Bile Duct	Hyperplasia, Nos
		Inflammation, Granulomatous Focal
		Lymphocytic Inflammatory Infiltrate
		Pigmentation, Nos
Lymph node	Pancreatic Lymph Node	Hyperplasia, Lymphoid
	Pancreatic Lymph Node	Inflammation, Granulomatous
	Mesenteric Lymph Node	Lymphangiectasis
Pancreas	Acinus	Atrophy, Nos
Preputial gland		Carcinoma, Nos
Prostate		Inflammation, Suppurative
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:49:49
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_022

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 375.0 CG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Blood vessel	Sup.Panc-Duod.Artery	Arteriosclerosis, Nos
Eye		Cataract
		Retinopathy
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver		Inflammation, Granulomatous Focal
		Lymphocytic Inflammatory Infiltrate
		Pigmentation, Nos
Lung		Pneumonia, Aspiration
Prostate		Inflammation, Suppurative
Spleen		Congestion, Nos
		Fibroma
		Metaplasia, Osseous
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_023

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 375.0 CG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Eye		Cataract
		Retinopathy
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Inflammation, Granulomatous Focal
		Lymphocytic Inflammatory Infiltrate
		Pigmentation, Nos
Lymph node	Pancreatic Lymph Node	Hyperplasia, Lymphoid
	Mesenteric Lymph Node	Inflammation, Granulomatous
	Pancreatic Lymph Node	Inflammation, Granulomatous
Pituitary gland	Anterior Pituitary	Angiectasis
Prostate		Inflammation, Suppurative
Spleen		Congestion, Nos
		Fibrosis, Focal
Testis		Interstitial-Cell Tumor
	Spermatic Cord Nos	Steatitis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_024

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 375.0 CG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Blood vessel	Pulmonary Artery Nos	Thrombosis, Nos
Eye		Cataract
		Retinopathy
Kidney		Nephropathy
Liver		Fibrosis, Cholangio
	Bile Duct	Hyperplasia, Nodular
		Hyperplasia, Nos
		Inflammation, Granulomatous Focal
		Lymphocytic Inflammatory Infiltrate
		Pigmentation, Nos
Lymph node	Mesenteric Lymph Node	Inflammation, Granulomatous
	Mesenteric Lymph Node	Pigmentation, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_025

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 375.0 CG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Eye		Cataract
		Retinopathy
Heart	Myocardium Nos	Inflammation, Chronic
	Atrium	Thrombus, Mural
Kidney		Nephropathy
Liver		Inflammation, Granulomatous Focal
		Lymphocytic Inflammatory Infiltrate
		Pigmentation, Nos
Lymph node	Pancreatic Lymph Node	Hyperplasia, Lymphoid
	Pancreatic Lymph Node	Inflammation, Granulomatous
Pancreas		Periarteritis
Spleen		Congestion, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_026

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 375.0 CG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Inflammation, Granulomatous Focal
		Lymphocytic Inflammatory Infiltrate
		Pigmentation, Nos
Parathyroid gland		Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Carcinoma, Nos
Prostate		Inflammation, Suppurative
Spleen		Congestion, Nos
Stomach	Glandular Stomach	Edema, Nos
	Forestomach	Inflammation, Chronic
	Forestomach	Necrosis, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_027

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 375.0 CG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Kidney

Medulla

Hyperplasia, Focal
Nephropathy
Pigmentation, Nos

Liver

Centrilobular

Cytoplasmic Vacuolization
Inflammation, Granulomatous Focal
Lymphocytic Inflammatory Infiltrate
Pigmentation, Nos

Testis

Atrophy, Nos
Interstitial-Cell Tumor

Unspecified

Spermatic Cord Nos
Multiple Organs Nos

Steatitis
Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_028

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 375.0 CG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Eye		Retinopathy
Heart	Myocardium Nos	Inflammation, Chronic
Intestine Small	Mesentery Nos	Inflammation, Acute/Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos Inflammation, Granulomatous Focal Lymphocytic Inflammatory Infiltrate Pigmentation, Nos
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid
	Pancreatic Lymph Node	Hyperplasia, Lymphoid
	Pancreatic Lymph Node	Inflammation, Granulomatous
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Prostate		Inflammation, Suppurative
Spleen		Congestion, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_029

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 375.0 CG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Blood vessel	Sup.Panc-Duod.Artery	Arteriosclerosis, Nos
Eye		Cataract
		Retinopathy
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver		Inflammation, Granulomatous Focal
		Lymphocytic Inflammatory Infiltrate
		Pigmentation, Nos
Lymph node	Pancreatic Lymph Node	Hyperplasia, Lymphoid
	Pancreatic Lymph Node	Inflammation, Granulomatous
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Prostate		Inflammation, Suppurative
Spleen		Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_030

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 375.0 CG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Lymphocytic Inflammatory Infiltrate Pheochromocytoma
Eye		Retinopathy
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos Inflammation, Granulomatous Focal Lymphocytic Inflammatory Infiltrate Pigmentation, Nos
Lymph node	Pancreatic Lymph Node Mesenteric Lymph Node Pancreatic Lymph Node	Hyperplasia, Lymphoid Inflammation, Granulomatous Inflammation, Granulomatous
Spleen		Congestion, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Foot Nos Foot Nos	Hyperkeratosis Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_031

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 375.0 CG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos Inflammation, Granulomatous Focal Lymphocytic Inflammatory Infiltrate Pigmentation, Nos
Lymph node	Pancreatic Lymph Node	Hyperplasia, Lymphoid
Pituitary gland	Pancreatic Lymph Node	Inflammation, Granulomatous
	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Prostate		Inflammation, Suppurative
Spleen		Congestion, Nos
Testis		Interstitial-Cell Tumor
	Spermatic Cord Nos	Steatitis
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_032

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 375.0 CG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Blood vessel	Sup.Panc-Duod.Artery	Arteriosclerosis, Nos
Heart	Myocardium Nos	Inflammation, Chronic
	Atrium	Thrombus, Mural
Kidney	Pelvis	Hemorrhage
		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Inflammation, Granulomatous Focal
		Lymphocytic Inflammatory Infiltrate
		Pigmentation, Nos
Prostate		Inflammation, Suppurative
Spleen		Congestion, Nos
Stomach		Periarteritis
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_033

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 375.0 CG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver		Cyst, Nos
		Inflammation, Granulomatous Focal
		Lymphocytic Inflammatory Infiltrate
		Pigmentation, Nos
Mammary gland		Cystic Ducts
Nasal cavity		Infection, Fungal
		Inflammation, Suppurative
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Preputial gland		Inflammation, Chronic
Prostate		Inflammation, Suppurative
Spleen		Accessory Structure
		Congestion, Nos
Stomach		Periarteritis
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_034

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 375.0 CG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Blood vessel	Sup.Panc-Duod.Artery	Thrombosis, Nos
Eye		Cataract
		Retinopathy
Heart	Myocardium Nos	Inflammation, Chronic
Intestine Large	Submucosa, Colon	Inflammation, Acute/Chronic
	Rectum	Parasitism
Intestine Small	Mesentery Nos	Lymphocytic Inflammatory Infiltrate
Kidney		Nephropathy
Liver		Inflammation, Granulomatous Focal
		Lymphocytic Inflammatory Infiltrate
		Pigmentation, Nos
Lymph node	Mediastinal Lymph Node	Lymphangiectasis
Pancreas		Inflammation, Chronic Focal
Testis		Interstitial-Cell Tumor
Trachea	Peritracheal Tissue	Necrosis, Nos
Unspecified	Mediastinum Nos	Lymphocytic Inflammatory Infiltrate
	Multiple Organs Nos	Periarteritis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_035

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 375.0 CG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Brain		Hemorrhage
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Inflammation, Granulomatous Focal
Lung		Hemorrhage
Stomach	Forestomach	Hyperplasia, Epithelial
	Submucosa	Inflammation, Chronic
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_036

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 375.0 CG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Pheochromocytoma

Kidney

Nephropathy

Liver

Bile Duct

Hyperplasia, Nos

Inflammation, Granulomatous Focal

Lymphocytic Inflammatory Infiltrate

Neoplastic Nodule

Pigmentation, Nos

Skin

Keratoacanthoma

Spleen

Congestion, Nos

Testis

Atrophy, Nos

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:49:49
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_037

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 375.0 CG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephropathy
Liver	Bile Duct	Fibrosis, Cholangio Hyperplasia, Nos Inflammation, Granulomatous Focal Lymphocytic Inflammatory Infiltrate Pigmentation, Nos
Lymph node	Mandibular Lymph Node	Lymphangiectasis
Nasal cavity		Infection, Fungal
Spleen		Congestion, Nos Hyperplasia, Lymphoid
Testis		Atrophy, Nos Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Mesothelioma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:49:49
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_038

TRT#: 1
DOSE: 375.0 CG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Eye		Cataract
		Retinopathy
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Inflammation, Granulomatous Focal
		Lymphocytic Inflammatory Infiltrate
		Pigmentation, Nos
Lymph node	Mesenteric Lymph Node	Inflammation, Granulomatous
Nasal cavity		Inflammation, Suppurative
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Congestion, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_039

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 375.0 CG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Heart	Myocardium Nos	Inflammation, Chronic
	Atrium	Thrombus, Mural
Kidney		Nephropathy
Liver		Hyperplasia, Nodular
		Inflammation, Granulomatous Focal
		Lymphocytic Inflammatory Infiltrate
		Pigmentation, Nos
Lymph node	Pancreatic Lymph Node	Hyperplasia, Lymphoid
	Pancreatic Lymph Node	Inflammation, Granulomatous
Pancreas	Acinus	Atrophy, Nos
Preputial gland		Inflammation, Acute/Chronic
Spleen		Congestion, Nos
		Fibrosis, Focal
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_040

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 375.0 CG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Heart	Myocardium Nos	Inflammation, Chronic
	Atrium	Thrombus, Mural
Kidney		Nephropathy
Liver		Inflammation, Granulomatous Focal
		Lymphocytic Inflammatory Infiltrate
		Pigmentation, Nos
Lymph node	Pancreatic Lymph Node	Hyperplasia, Lymphoid
	Pancreatic Lymph Node	Inflammation, Granulomatous
Nasal cavity		Infection, Fungal
		Inflammation, Suppurative
Preputial gland		Inflammation, Chronic
Salivary gland		Periarteritis
Spleen		Congestion, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_041

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 375.0 CG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Inflammation, Granulomatous Focal
		Lymphocytic Inflammatory Infiltrate
		Pigmentation, Nos
Lung		Hemorrhage
Lymph node	Pancreatic Lymph Node	Hyperplasia, Lymphoid
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Preputial gland		Inflammation, Suppurative
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_042

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 375.0 CG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Blood vessel	Hepatic Vein	Thrombus, Mural
Heart	Myocardium Nos	Inflammation, Chronic
Liver		Angiectasis
	Bile Duct	Hyperplasia, Nos
		Inflammation, Granulomatous Focal
		Lymphocytic Inflammatory Infiltrate
		Neoplastic Nodule
		Pigmentation, Nos
Lymph node	Mediastinal Lymph Node	Hyperplasia, Lymphoid
	Mesenteric Lymph Node	Inflammation, Granulomatous
	Pancreatic Lymph Node	Inflammation, Granulomatous
	Mediastinal Lymph Node	Pigmentation, Nos
	Pancreatic Lymph Node	Pigmentation, Nos
Nasal cavity		Foreign Body, Nos
		Inflammation, Suppurative
Pancreas	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Hyperplasia, Focal
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_043

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 375.0 CG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Inflammation, Granulomatous Focal
		Lymphocytic Inflammatory Infiltrate
		Pigmentation, Nos
Lymph node	Mediastinal Lymph Node	Hyperplasia, Lymphoid
	Pancreatic Lymph Node	Hyperplasia, Lymphoid
	Pancreatic Lymph Node	Inflammation, Granulomatous
Preputial gland		Inflammation, Chronic Focal
Prostate		Inflammation, Suppurative
Spleen		Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_044

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 375.0 CG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Hyperplasia, Nodular
	Bile Duct	Hyperplasia, Nos
		Inflammation, Granulomatous Focal
		Lymphocytic Inflammatory Infiltrate
		Pigmentation, Nos
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid
	Mesenteric Lymph Node	Inflammation, Granulomatous
Nasal cavity		Hyperplasia, Epithelial
		Infection, Fungal
		Inflammation, Suppurative
		Metaplasia, Squamous
Pancreas	Acinus	Atrophy, Nos
Prostate		Inflammation, Suppurative
Spleen		Congestion, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_045

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 375.0 CG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Heart	Myocardium Nos	Inflammation, Chronic
Intestine Large	Cecum, Colon	Parasitism
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Inflammation, Granulomatous Focal
		Lymphocytic Inflammatory Infiltrate
		Pigmentation, Nos
Lymph node	Pancreatic Lymph Node	Hyperplasia, Lymphoid
	Pancreatic Lymph Node	Inflammation, Granulomatous
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Spleen		Congestion, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_046

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 375.0 CG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Inflammation, Granulomatous Focal
		Lymphocytic Inflammatory Infiltrate
		Pigmentation, Nos
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Pancreas		Inflammation, Chronic Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Prostate		Inflammation, Suppurative
Spleen		Congestion, Nos
		Fibrosis, Focal
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Carcinoma
Urinary bladder		Mucocele

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_047

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 375.0 CG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Eye		Retinopathy
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver		Inflammation, Granulomatous Focal Lymphocytic Inflammatory Infiltrate Pigmentation, Nos
Lymph node	Pancreatic Lymph Node	Hyperplasia, Lymphoid
	Pancreatic Lymph Node	Inflammation, Granulomatous
	Mandibular Lymph Node	Lymphangiectasis
Pancreas	Islets	Islet-Cell Adenoma
Preputial gland		Inflammation, Chronic
Testis		Hyperplasia, Interstitial Cell Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma Hyperplasia, C Cell
Zymbal gland		Carcinoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_048

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 375.0 CG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Liver

Medulla

Pheochromocytoma
Nephropathy
Hyperplasia, Nodular
Hyperplasia, Nos
Inflammation, Granulomatous Focal
Lymphocytic Inflammatory Infiltrate

Bile Duct

Pigmentation, Nos

Skin
Testis

Back

Trichoepithelioma
Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_049

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 375.0 CG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Brain		Deformity, Nos
Eye		Retinopathy
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Inflammation, Granulomatous Focal
		Lymphocytic Inflammatory Infiltrate
		Pigmentation, Nos
Lymph node	Pancreatic Lymph Node	Hyperplasia, Lymphoid
	Pancreatic Lymph Node	Inflammation, Granulomatous
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Spleen		Congestion, Nos
Testis		Hyperplasia, Interstitial Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_050

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 375.0 CG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nodular
		Hyperplasia, Nos
		Inflammation, Granulomatous Focal
		Lymphocytic Inflammatory Infiltrate
		Pigmentation, Nos
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Preputial gland		Inflammation, Chronic
Skin		Basal-Cell Tumor
Spleen		Congestion, Nos
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_001

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 187.5 CG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Eye		Cataract
		Retinopathy
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver		Deformity, Nos
	Bile Duct	Hyperplasia, Nos
		Inflammation, Granulomatous Focal
		Lymphocytic Inflammatory Infiltrate
		Pigmentation, Nos
Lung		Pneumonia, Aspiration
Lymph node	Pancreatic Lymph Node	Hyperplasia, Lymphoid
	Mesenteric Lymph Node	Inflammation, Granulomatous
	Pancreatic Lymph Node	Inflammation, Granulomatous
	Inguinal Lymph Node	Lymphangiectasis
Nasal cavity		Hyperplasia, Epithelial
		Infection, Fungal
		Inflammation, Chronic
		Inflammation, Suppurative
Pituitary gland		Craniopharyngioma
	Anterior Pituitary	Cyst, Multiple
Preputial gland		Cystic Ducts
Spleen		Congestion, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_002

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 187.5 CG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Eye		Cataract
		Retinopathy
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Inflammation, Granulomatous Focal
		Lymphocytic Inflammatory Infiltrate
		Pigmentation, Nos
Lung		Alveolar Macrophages
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
Spleen		Congestion, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_003

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 187.5 CG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Eye		Cataract
		Retinopathy
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver		Inflammation, Granulomatous Focal
		Lymphocytic Inflammatory Infiltrate
		Pigmentation, Nos
Lymph node	Pancreatic Lymph Node	Inflammation, Granulomatous
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Congestion, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Periarteritis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_004

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 187.5 CG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Eye		Cataract
		Retinopathy
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Suppurative
		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Inflammation, Granulomatous Focal
		Lymphocytic Inflammatory Infiltrate
		Pigmentation, Nos
Lung		Alveolar Macrophages
Lymph node	Pancreatic Lymph Node	Hyperplasia, Lymphoid
	Pancreatic Lymph Node	Inflammation, Granulomatous
	Renal Lymph Node	Lymphangiectasis
Pancreas	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Cyst, Nos
Preputial gland		Cystic Ducts
Skin		Squamous Cell Papilloma
		Trichoepithelioma
Spleen		Congestion, Nos
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Carcinoma
		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_005

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 187.5 CG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver	Periportal	Fibrosis, Multifocal
	Bile Duct	Hyperplasia, Nos
		Inflammation, Granulomatous Focal
		Pigmentation, Nos
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Intermedia	Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_006

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 187.5 CG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma, Malignant
Blood vessel	Sup.Panc-Duod.Artery	Periarteritis
Eye		Cataract
		Retinopathy
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
		Inflammation, Granulomatous Focal
		Lymphocytic Inflammatory Infiltrate
		Pigmentation, Nos
Mammary gland		Cystic Ducts
Nasal cavity		Infection, Fungal
		Inflammation, Suppurative
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Stomach	Omentum Nos	Steatitis
Testis		Hyperplasia, Interstitial Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_007

TRT#: 2
DOSE: 187.5 CG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Ear	External Ear	Inflammation, Suppurative
Eye		Cataract
		Retinopathy
Heart	Myocardium Nos	Inflammation, Chronic
	Atrium	Thrombosis, Nos
Intestine Small	Mesentery Nos	Steatitis
Kidney		Nephropathy
Liver		Inflammation, Granulomatous Focal
		Lymphocytic Inflammatory Infiltrate
		Pigmentation, Nos
Lymph node	Pancreatic Lymph Node	Hyperplasia, Lymphoid
	Pancreatic Lymph Node	Inflammation, Granulomatous
Mammary gland		Cystic Ducts
Pancreas	Acinus	Atrophy, Nos
		Periarteritis
Pituitary gland	Posterior Lobe	Adenoma, Nos
	Anterior Pituitary	Cyst, Nos
Prostate		Inflammation, Chronic Suppurative
Spleen		Congestion, Nos
Testis		Interstitial-Cell Tumor
Thyroid	Follicle	Cyst, Follicular Nos
Zymbal gland		Carcinoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_008

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 187.5 CG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Eye		Cataract
		Retinopathy
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Inflammation, Granulomatous Focal
		Lymphocytic Inflammatory Infiltrate
		Pigmentation, Nos
Lung		Alveolar Macrophages
Lymph node	Pancreatic Lymph Node	Edema, Nos
	Pancreatic Lymph Node	Inflammation, Granulomatous
Mammary gland		Fibroadenoma
Prostate		Inflammation, Chronic Suppurative
Spleen		Congestion, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_009

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 187.5 CG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Eye		Cataract
		Retinopathy
Heart	Myocardium Nos	Inflammation, Chronic
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Liver		Inflammation, Granulomatous Focal
		Pigmentation, Nos
Lymph node	Pancreatic Lymph Node	Hyperplasia, Lymphoid
	Pancreatic Lymph Node	Inflammation, Granulomatous
Nasal cavity		Foreign Body, Nos
		Inflammation, Suppurative
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Preputial gland		Adenoma, Nos
		Inflammation, Suppurative
Spleen		Congestion, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_010

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 187.5 CG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Eye		Cataract
		Retinopathy
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver		Inflammation, Granulomatous Focal
		Lymphocytic Inflammatory Infiltrate
		Pigmentation, Nos
Nasal cavity		Hyperplasia, Epithelial
		Inflammation, Suppurative
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Angiectasis
Spleen		Congestion, Nos
Stomach		Periarteritis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Tongue		Squamous Cell Papilloma
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_011

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 187.5 CG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Blood vessel	Sup.Panc-Duod.Artery	Hypertrophy, Nos
Eye	Vitreous Body	Cataract
		Hemorrhage
		Retinopathy
Heart	Myocardium Nos	Inflammation, Chronic
Kidney	Cortex	Cyst, Nos
		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Inflammation, Granulomatous Focal
		Lymphocytic Inflammatory Infiltrate
		Pigmentation, Nos
Lung		Hyperplasia, Adenomatous
Lymph node	Mesenteric Lymph Node	Pigmentation, Nos
Pancreas	Acinus	Atrophy, Nos
		Periarteritis
Preputial gland		Cystic Ducts
		Inflammation, Suppurative
Spleen		Congestion, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_012

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 187.5 CG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Eye		Cataract
		Retinopathy
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver		Inflammation, Granulomatous Focal
		Lymphocytic Inflammatory Infiltrate
		Neoplastic Nodule
		Pigmentation, Nos
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Nasal cavity		Infection, Fungal
		Inflammation, Suppurative
Pituitary gland	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Hyperplasia, Focal
Spleen		Congestion, Nos
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:49:49
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_013

TRT#: 2
DOSE: 187.5 CG/KG

SEX: Male
DISP: Dosing Accident

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Inflammation, Granulomatous Focal
		Lymphocytic Inflammatory Infiltrate
		Pigmentation, Nos
Lymph node	Pancreatic Lymph Node	Hyperplasia, Lymphoid
	Mesenteric Lymph Node	Inflammation, Granulomatous
	Pancreatic Lymph Node	Inflammation, Granulomatous
	Mesenteric Lymph Node	Pigmentation, Nos
Spleen		Congestion, Nos
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:49:49
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_014

TRT#: 2
DOSE: 187.5 CG/KG

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Eye		Cataract
		Retinopathy
Heart	Myocardium Nos	Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
		Inflammation, Granulomatous Focal
		Lymphocytic Inflammatory Infiltrate
		Neoplastic Nodule
		Pigmentation, Nos
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid
	Mesenteric Lymph Node	Inflammation, Granulomatous
	Pancreatic Lymph Node	Inflammation, Granulomatous
Testis		Interstitial-Cell Tumor
Unspecified		Fibroma
	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:49:49
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_015

TRT#: 2
DOSE: 187.5 CG/KG

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos Inflammation, Granulomatous Focal Lymphocytic Inflammatory Infiltrate Pigmentation, Nos
Lymph node	Pancreatic Lymph Node	Hyperplasia, Lymphoid
Spleen	Pancreatic Lymph Node	Inflammation, Granulomatous Congestion, Nos Hyperplasia, Nodular
Thyroid		C-Cell Adenoma Follicular-Cell Adenoma Follicular-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_016

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 187.5 CG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Eye

Medulla

Hyperplasia, Focal
Cataract

Heart
Intestine Large
Kidney
Liver

Myocardium Nos
Rectum

Retinopathy
Inflammation, Chronic
Parasitism

Lung
Lymph node
Prostate
Spleen
Testis

Bile Duct

Nephropathy
Hyperplasia, Nos
Inflammation, Granulomatous Focal
Lymphocytic Inflammatory Infiltrate
Pigmentation, Nos
Alveolar/Bronchiolar Adenoma
Hyperplasia, Lymphoid
Inflammation, Suppurative
Congestion, Nos
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_017

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 187.5 CG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Eye		Cataract
		Retinopathy
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Inflammation, Granulomatous Focal
		Lymphocytic Inflammatory Infiltrate
		Pigmentation, Nos
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid
	Pancreatic Lymph Node	Hyperplasia, Lymphoid
	Mesenteric Lymph Node	Inflammation, Granulomatous
	Pancreatic Lymph Node	Inflammation, Granulomatous
Nasal cavity		Foreign Body, Nos
Pancreas	Islets	Islet-Cell Carcinoma
Spleen		Congestion, Nos
		Leukemia, Mononuclear Cell
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Spermatic Cord Nos	Steatitis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_018

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 187.5 CG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Eye		Cataract
		Retinopathy
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver		Cyst, Multiple
	Bile Duct	Hyperplasia, Nos
		Inflammation, Granulomatous Focal
		Lymphocytic Inflammatory Infiltrate
		Pigmentation, Nos
Lung		Alveolar Macrophages
Pancreas	Acinus	Atrophy, Nos
Preputial gland		Lymphocytic Inflammatory Infiltrate
Spleen		Congestion, Nos
Testis		Interstitial-Cell Tumor
Unspecified		Fibroma
		Necrosis, Ischemic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_019

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 187.5 CG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Eye		Cataract
		Retinopathy
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Inflammation, Granulomatous Focal
		Lymphocytic Inflammatory Infiltrate
		Pigmentation, Nos
Pancreas	Acinus	Atrophy, Nos
Prostate		Inflammation, Suppurative
Spleen		Congestion, Nos
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_020

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 187.5 CG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Eye		Cataract
		Retinopathy
Heart	Myocardium Nos	Inflammation, Chronic
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Nos
		Inflammation, Granulomatous Focal
		Lymphocytic Inflammatory Infiltrate
		Pigmentation, Nos
Lymph node	Pancreatic Lymph Node	Hyperplasia, Lymphoid
	Mesenteric Lymph Node	Inflammation, Granulomatous
	Pancreatic Lymph Node	Inflammation, Granulomatous
Prostate		Inflammation, Chronic
Spleen		Congestion, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_021

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 187.5 CG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Eye		Cataract
		Retinopathy
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Inflammation, Granulomatous Focal
		Lymphocytic Inflammatory Infiltrate
		Pigmentation, Nos
Lung		Pneumonia, Aspiration
Lymph node	Pancreatic Lymph Node	Hyperplasia, Lymphoid
	Pancreatic Lymph Node	Inflammation, Granulomatous
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Hyperplasia, Nos
Skin		Inflammation, Chronic
Spleen		Congestion, Nos
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Carcinoma
Zymbal gland		Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorinated paraffins: C23, 43% chlorine

CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_022

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 187.5 CG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Acute/Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Inflammation, Granulomatous Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_023

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 187.5 CG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Eye

Medulla

Pheochromocytoma

Cataract

Heart
Intestine Large
Kidney
Liver

Myocardium Nos
Colon

Retinopathy

Inflammation, Chronic

Parasitism

Nephropathy

Inflammation, Granulomatous Focal

Lymphocytic Inflammatory Infiltrate

Neoplastic Nodule

Pigmentation, Nos

Nasal cavity
Spleen
Testis

Inflammation, Suppurative

Congestion, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_024

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 187.5 CG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Eye		Cataract
		Retinopathy
Heart	Myocardium Nos	Inflammation, Chronic
Intestine Small	Mesentery Nos	Steatitis
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Nos
		Inflammation, Granulomatous Focal
		Lymphocytic Inflammatory Infiltrate
		Pigmentation, Nos
Lymph node	Pancreatic Lymph Node	Hyperplasia, Lymphoid
	Pancreatic Lymph Node	Inflammation, Granulomatous
Mammary gland		Cystic Ducts
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Preputial gland		Cystic Ducts
		Inflammation, Suppurative
Spleen		Congestion, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_025

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 187.5 CG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Eye		Cataract
		Retinopathy
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Inflammation, Granulomatous Focal
		Lymphocytic Inflammatory Infiltrate
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid
	Pancreatic Lymph Node	Hyperplasia, Lymphoid
	Pancreatic Lymph Node	Inflammation, Granulomatous
Spleen		Congestion, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorinated paraffins: C23, 43% chlorine

CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_026

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 187.5 CG/KG

DISP: Dosing Accident

HISTO:

OBSERVATIONS

Bone	Skull	Hyperostosis
Heart	Myocardium Nos	Inflammation, Chronic
Intestine Large	Cecum, Colon	Parasitism
Liver		Inflammation, Granulomatous Focal
Lung		Congestion, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_027

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 187.5 CG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Eye

Retinopathy

Heart

Myocardium Nos

Inflammation, Chronic

Liver

Bile Duct

Hyperplasia, Focal

Inflammation, Granulomatous Focal

Testis

Pigmentation, Nos

Atrophy, Nos

Unspecified

Multiple Organs Nos

Interstitial-Cell Tumor

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorinated paraffins: C23, 43% chlorine

CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_028

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 187.5 CG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos Inflammation, Granulomatous Focal Lymphocytic Inflammatory Infiltrate Pigmentation, Nos
Lymph node	Pancreatic Lymph Node	Hyperplasia, Lymphoid
Pituitary gland	Pancreatic Lymph Node	Inflammation, Granulomatous
Testis	Anterior Pituitary	Cyst, Nos
Thyroid		Interstitial-Cell Tumor
Urinary bladder		C-Cell Carcinoma Hemorrhage Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_029

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 187.5 CG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Focal

Heart

Myocardium Nos

Inflammation, Chronic

Kidney

Nephropathy

Liver

Bile Duct

Hyperplasia, Nos

Inflammation, Granulomatous Focal

Lymphocytic Inflammatory Infiltrate

Pigmentation, Nos

Spleen

Congestion, Nos

Testis

Interstitial-Cell Tumor

Unspecified

Tail

Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_030

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 187.5 CG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel	Renal Artery Nos	Thrombosis, Nos
Bone marrow		Atrophy, Nos
		Fibrosis, Myelo
Eye		Retinopathy
Heart	Myocardium Nos	Inflammation, Chronic
	Atrium	Thrombus, Mural
Kidney		Infarct, Nos
		Nephropathy
Liver	Centrilobular	Degeneration, Nos
	Bile Duct	Hyperplasia, Nos
		Inflammation, Granulomatous Focal
		Lymphocytic Inflammatory Infiltrate
		Pigmentation, Nos
Lung		Alveolar Macrophages
		Hyperplasia, Adenomatous
Lymph node	Pancreatic Lymph Node	Hyperplasia, Lymphoid
	Pancreatic Lymph Node	Inflammation, Granulomatous
	Mandibular Lymph Node	Inflammation, Suppurative
	Mandibular Lymph Node	Lymphangiectasis
Nasal cavity		Infection, Fungal
		Inflammation, Suppurative
Preputial gland		Adenoma, Nos
		Cystic Ducts
		Inflammation, Chronic
Prostate		Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_031

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 187.5 CG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization Hematopoiesis
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos Inflammation, Granulomatous Focal Lymphocytic Inflammatory Infiltrate Pigmentation, Nos
Lung		Alveolar Macrophages
Lymph node	Pancreatic Lymph Node	Hyperplasia, Lymphoid
	Mediastinal Lymph Node	Inflammation, Granulomatous
	Pancreatic Lymph Node	Inflammation, Granulomatous
	Mediastinal Lymph Node	Lymphangiectasis
	Mediastinal Lymph Node	Pigmentation, Nos
	Mesenteric Lymph Node	Pigmentation, Nos
Pancreas	Acinus	Atrophy, Nos
	Islets	Islet-Cell Carcinoma
Spleen		Congestion, Nos
Stomach	Forestomach	Inflammation, Chronic
	Forestomach	Ulcer, Nos
Testis		Interstitial-Cell Tumor
Unspecified		Fibroma
Zymbal gland		Carcinoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_032

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 187.5 CG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Cortical Adenoma
Bone marrow		Hyperplasia, Granulocytic
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver		Inflammation, Granulomatous Focal Lymphocytic Inflammatory Infiltrate
		Pigmentation, Nos
Lymph node	Pancreatic Lymph Node	Hyperplasia, Lymphoid
	Pancreatic Lymph Node	Inflammation, Granulomatous
Nasal cavity		Infection, Fungal
		Inflammation, Suppurative
Preputial gland		Carcinoma, Nos
		Cystic Ducts
		Inflammation, Suppurative
Prostate		Inflammation, Suppurative
Spleen		Hematopoiesis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified		Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_033

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 187.5 CG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Heart	Myocardium Nos	Inflammation, Chronic
Intestine Small	Mesentery Nos	Steatitis
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos Inflammation, Granulomatous Focal Lymphocytic Inflammatory Infiltrate Pigmentation, Nos Congestion, Nos
Lung		
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
	Pancreatic Lymph Node	Hyperplasia, Lymphoid
	Mesenteric Lymph Node	Inflammation, Granulomatous
	Pancreatic Lymph Node	Inflammation, Granulomatous
Nasal cavity		Foreign Body, Nos Hyperplasia, Epithelial Infection, Fungal Inflammation, Suppurative
Pancreas		Acinar-Cell Adenoma
Preputial gland		Adenoma, Nos Atrophy, Nos
Spleen		Congestion, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Tail	Cyst, Epidermal Inclusion

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014
Time Report Requested: 09:49:49
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_034

TRT#: 2
DOSE: 187.5 CG/KG

SEX: Male
DISP: Dosing Accident

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Inflammation, Granulomatous Focal
		Lymphocytic Inflammatory Infiltrate
		Pigmentation, Nos
Lymph node	Pancreatic Lymph Node	Hyperplasia, Lymphoid
	Pancreatic Lymph Node	Inflammation, Granulomatous
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_035

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 187.5 CG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos Inflammation, Granulomatous Focal Lymphocytic Inflammatory Infiltrate Pigmentation, Nos
Lymph node	Pancreatic Lymph Node	Hyperplasia, Lymphoid
	Pancreatic Lymph Node	Inflammation, Granulomatous
	Mesenteric Lymph Node	Pigmentation, Nos
Spleen		Fibrosis, Diffuse
Testis		Atrophy, Nos
Unspecified		Interstitial-Cell Tumor Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_036

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 187.5 CG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Heart	Myocardium Nos	Inflammation, Chronic
Intestine Small	Mesentery Nos	Steatitis
Kidney		Nephropathy
Liver		Inflammation, Granulomatous Focal
		Lymphocytic Inflammatory Infiltrate
		Pigmentation, Nos
Lung		Alveolar Macrophages
		Inflammation, Interstitial
Lymph node	Pancreatic Lymph Node	Hyperplasia, Lymphoid
	Pancreatic Lymph Node	Inflammation, Granulomatous
Pancreas	Acinus	Atrophy, Nos
Preputial gland		Atrophy, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_037

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 187.5 CG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Angiectasis
	Medulla	Pheochromocytoma
Heart	Myocardium Nos	Inflammation, Chronic
Intestine Large	Cecum, Colon	Parasitism
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Inflammation, Granulomatous Focal
		Lymphocytic Inflammatory Infiltrate
		Pigmentation, Nos
Lung	Alveoli	Histiocytosis
Lymph node	Pancreatic Lymph Node	Hyperplasia, Lymphoid
	Pancreatic Lymph Node	Inflammation, Granulomatous
Mammary gland		Cystic Ducts
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Spleen		Congestion, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
		Necrosis, Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_038

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 187.5 CG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Eye		Cataract Phthisis Bulbi Retinopathy
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos Inflammation, Granulomatous Focal
Lung		Inflammation, Granulomatous Focal
Lymph node	Mandibular Lymph Node	Lymphangiectasis
Nasal cavity		Hyperplasia, Epithelial Infection, Fungal Inflammation, Suppurative
Preputial gland		Inflammation, Chronic
Prostate		Inflammation, Suppurative
Spleen		Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_039

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 187.5 CG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos Pigmentation, Nos
Mammary gland	Mammary Lobule	Hyperplasia, Nos
Nasal cavity		Infection, Fungal Inflammation, Suppurative
Pituitary gland	Anterior Pituitary	Cyst, Nos
	Anterior Pituitary	Hyperplasia, Focal
Preputial gland		Inflammation, Chronic
Prostate		Inflammation, Suppurative
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
	Tail	Thrombosis, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_040

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 187.5 CG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Angiectasis
		Cortical Adenoma
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
		Tubular-Cell Adenocarcinoma
Liver	Bile Duct	Hyperplasia, Nos
		Inflammation, Granulomatous Focal
		Lymphocytic Inflammatory Infiltrate
		Pigmentation, Nos
Lymph node	Pancreatic Lymph Node	Hyperplasia, Lymphoid
	Pancreatic Lymph Node	Inflammation, Granulomatous
Parathyroid gland		Angiectasis
Preputial gland		Cystic Ducts
Skin		Keratoacanthoma
Spleen		Congestion, Nos
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_041

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 187.5 CG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Inflammation, Granulomatous Focal
		Lymphocytic Inflammatory Infiltrate
Lymph node	Mesenteric Lymph Node	Inflammation, Granulomatous
Pancreas	Acinus	Hyperplasia, Nos
Spleen		Congestion, Nos
Testis		Interstitial-Cell Tumor
	Spermatic Cord Nos	Mesothelioma, Nos
	Tunica Vaginalis	Mesothelioma, Nos
Thyroid		Hyperplasia, Cystic
Unspecified	Groin	Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_042

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 187.5 CG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Intestine Small	Mesentery Nos	Steatitis
Kidney		Nephropathy
Liver		Inflammation, Granulomatous Focal
		Lymphocytic Inflammatory Infiltrate
		Pigmentation, Nos
Spleen		Hemorrhage
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_043

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 187.5 CG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain		Deformity, Nos
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Inflammation, Granulomatous Focal
		Lymphocytic Inflammatory Infiltrate
		Pigmentation, Nos
Lung		Alveolar Macrophages
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid
	Pancreatic Lymph Node	Hyperplasia, Lymphoid
	Mesenteric Lymph Node	Inflammation, Granulomatous
	Pancreatic Lymph Node	Inflammation, Granulomatous
	Inguinal Lymph Node	Lymphangiectasis
Mammary gland	Mammary Lobule	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Carcinoma, Nos
	Anterior Pituitary	Cyst, Nos
Preputial gland		Carcinoma, Nos
Prostate		Hyperplasia, Epithelial
		Inflammation, Suppurative
Spleen		Congestion, Nos
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Carcinoma
		Cystic Follicles

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_044

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 187.5 CG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
	Medulla	Pheochromocytoma, Malignant
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Inflammation, Granulomatous Focal
		Lymphocytic Inflammatory Infiltrate
		Pigmentation, Nos
Lymph node	Pancreatic Lymph Node	Hyperplasia, Lymphoid
	Pancreatic Lymph Node	Inflammation, Granulomatous
Mammary gland		Adenosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_045

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 187.5 CG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
	Medulla	Pheochromocytoma
Heart	Myocardium Nos	Inflammation, Chronic
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Liver		Inflammation, Granulomatous Focal
		Lymphocytic Inflammatory Infiltrate
		Pigmentation, Nos
Lung		Inflammation, Granulomatous Focal
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
	Pancreatic Lymph Node	Hyperplasia, Lymphoid
Nasal cavity		Infection, Fungal
		Inflammation, Suppurative
Preputial gland		Cystic Ducts
Spleen		Hyperplasia, Lymphoid
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_046

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 187.5 CG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Cortex Nos	Angiectasis Degeneration, Cystic
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver		Inflammation, Granulomatous Focal Lymphocytic Inflammatory Infiltrate Pigmentation, Nos
Lymph node	Mandibular Lymph Node Pancreatic Lymph Node Pancreatic Lymph Node	Hyperplasia, Lymphoid Hyperplasia, Lymphoid Inflammation, Granulomatous
Pituitary gland	Anterior Pituitary Anterior Pituitary	Adenoma, Nos Angiectasis
Prostate		Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_047

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 187.5 CG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Epididymis		Inflammation, Chronic Focal
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Inflammation, Granulomatous Focal
Nasal cavity		Pigmentation, Nos
		Infection, Fungal
Prostate		Inflammation, Suppurative
Stomach	Submucosa	Inflammation, Suppurative
Testis		Edema, Nos
Unspecified	Multiple Organs Nos	Interstitial-Cell Tumor
		Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_048

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 187.5 CG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
	Medulla	Pheochromocytoma
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver		Deformity, Nos
	Bile Duct	Hyperplasia, Nos
		Inflammation, Granulomatous Focal
		Lymphocytic Inflammatory Infiltrate
		Pigmentation, Nos
Lymph node	Pancreatic Lymph Node	Hyperplasia, Lymphoid
	Pancreatic Lymph Node	Inflammation, Granulomatous
Nasal cavity		Infection, Fungal
		Inflammation, Suppurative
Pancreas	Acinus	Atrophy, Focal
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_049

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 187.5 CG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
	Medulla	Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Mineralization
Heart	Myocardium Nos	Inflammation, Chronic
Intestine Large	Cecum, Colon	Parasitism
Kidney		Nephropathy
Liver		Inflammation, Granulomatous Focal
		Lymphocytic Inflammatory Infiltrate
		Pigmentation, Nos
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Mammary gland	Mammary Lobule	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Prostate		Hyperplasia, Epithelial
Spleen		Hyperplasia, Lymphoid
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Urinary bladder		Transitional-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_050

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 187.5 CG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Heart	Myocardium Nos	Inflammation, Chronic
Intestine Small	Mesentery Nos	Periarteritis
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Inflammation, Granulomatous Focal
		Lymphocytic Inflammatory Infiltrate
		Pigmentation, Nos
Lymph node	Pancreatic Lymph Node	Hyperplasia, Lymphoid
	Pancreatic Lymph Node	Inflammation, Granulomatous
Pancreas	Acinus	Atrophy, Nos
	Acinus	Hyperplasia, Nos
Skin	Nose	Squamous Cell Papilloma
Spleen		Congestion, Nos
Stomach		Periarteritis
Testis		Interstitial-Cell Tumor
	Spermatic Cord Nos	Mesothelioma, Nos
Thyroid		Follicular-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_001

TRT#: 3
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Degeneration, Lipoid Hyperplasia, Focal
Eye		Retinopathy
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Mammary gland		Cystic Ducts
Pancreas	Acinus	Atrophy, Nos
Prostate		Inflammation, Suppurative
Spleen		Hematopoiesis
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified		Hemangiopericytoma, Nos

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_002

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Pancreas	Acinus	Atrophy, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_003

TRT#: 3
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Bone marrow		Atrophy, Nos
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver	Centrilobular	Cytoplasmic Vacuolization
	Bile Duct	Hyperplasia, Nos
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
Spleen		Fibrosis, Focal
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Urinary bladder		Fibrosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_004

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Liver	Centrilobular	Cytoplasmic Vacuolization
Pituitary gland		Angiectasis
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_005

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Degeneration, Lipoid Pheochromocytoma
Heart	Myocardium Nos	Inflammation, Chronic
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Nasal cavity		Infection, Fungal Inflammation, Suppurative
Pancreas	Acinus	Atrophy, Nos
Prostate		Inflammation, Chronic Suppurative
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_006

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hematopoiesis
	Medulla	Pheochromocytoma
Heart	Myocardium Nos	Inflammation, Chronic
Intestine Small	Mesentery Nos	Fibrous Histiocytoma, Malignant
	Mesentery Nos	Foreign Body, Reaction
	Mesentery Nos	Pigmentation, Nos
	Mesentery Nos	Steatitis
Kidney		Nephropathy
Liver	Centrilobular	Necrosis, Coagulative
Mammary gland	Mammary Lobule	Hyperplasia, Nos
Nasal cavity		Hyperplasia, Nos
		Infection, Fungal
		Inflammation, Suppurative
		Metaplasia, Squamous
Pancreas	Acinus	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hematopoiesis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
Unspecified		Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_007

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney
Mammary gland
Testis

Medulla
Myocardium Nos

Pheochromocytoma
Inflammation, Chronic
Nephropathy
Fibroadenoma
Atrophy, Nos
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_008

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Pancreas	Acinus	Atrophy, Nos
	Acinus	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_009

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver		Fibrosis, Cholangio
Pancreas	Acinus	Hyperplasia, Nos
	Islets	Islet-Cell Carcinoma
Testis		Interstitial-Cell Tumor
	Spermatic Cord Nos	Steatitis
Thyroid		C-Cell Adenoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_010

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Pheochromocytoma

Heart

Myocardium Nos

Inflammation, Chronic

Kidney

Nephropathy

Liver

Degeneration, Cystic

Bile Duct

Hyperplasia, Nos

Pituitary gland

Anterior Pituitary

Hyperplasia, Focal

Prostate

Cyst, Nos

Testis

Atrophy, Nos

Unspecified

Multiple Organs Nos

Interstitial-Cell Tumor

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_011

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney
Liver
Testis
Urinary bladder

Medulla
Myocardium Nos

Bile Duct

Hyperplasia, Focal
Inflammation, Chronic
Nephropathy
Hyperplasia, Nos
Interstitial-Cell Tumor
Transitional-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_012

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Intestine Small	Mesentery Nos	Steatitis
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Prostate		Inflammation, Suppurative
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_013

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Blood vessel	Hepatic Vein	Dilatation, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
	Centrilobular	Necrosis, Coagulative
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Prostate		Inflammation, Chronic
Skin		Keratoacanthoma
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
	Spermatic Cord Nos	Steatitis
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_014

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain	Thalamus	Astrocytoma
	Cerebrum	Spongiosis, Status
Kidney		Nephropathy
Liver	Centrilobular	Cytoplasmic Vacuolization
	Bile Duct	Hyperplasia, Nos
Pancreas	Acinus	Atrophy, Nos
Preputial gland		Hyperplasia, Nos
		Inflammation, Suppurative
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Chronic
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_015

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Large
Intestine Small
Kidney
Liver
Pancreas
Pituitary gland

Testis

Medulla
Myocardium Nos
Cecum, Colon
Mesentery Nos

Bile Duct
Acinus
Anterior Pituitary
Anterior Pituitary

Pheochromocytoma
Inflammation, Chronic
Parasitism
Carcinoma, Nos
Nephropathy
Hyperplasia, Nos
Atrophy, Nos
Adenoma, Nos
Angiectasis
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_016

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver		Cytoplasmic Vacuolization
	Bile Duct	Hyperplasia, Nos
Mammary gland		Cystic Ducts
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Prostate		Inflammation, Suppurative
Spleen		Accessory Structure
		Pigmentation, Nos
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Chronic
Testis		Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_017

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver	Centrilobular	Cytoplasmic Vacuolization
	Bile Duct	Hyperplasia, Nos
Pancreas		Acinar-Cell Adenoma
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Prostate		Inflammation, Suppurative
Skin		Keratoacanthoma
Testis		Interstitial-Cell Tumor
	Tunica Vaginalis	Mesothelioma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_018

TRT#: 3

DOSE: 0

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Spleen

Testis

Unspecified

Multiple Organs Nos

Angiectasis

Nephropathy

Hematopoiesis

Hyperplasia, Interstitial Cell

Osteosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_019

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Intestine Small	Mesentery Nos	Steatitis
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lymph node	Celiac Lymph Node	Hyperplasia, Lymphoid
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Nos
Preputial gland		Atrophy, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Follicular-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_020

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_021

TRT#: 3
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Angiectasis
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Acute Suppurative
		Pneumonia, Aspiration
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Oral mucosa	Soft Palate	Hyperkeratosis
	Soft Palate	Hyperplasia, Epithelial
Pituitary gland	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Hyperplasia, Focal
Preputial gland		Inflammation, Chronic
Prostate		Inflammation, Suppurative
Salivary gland		Inflammation, Chronic
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
	Spermatic Cord Nos	Steatitis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_022

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Pheochromocytoma

Heart

Myocardium Nos

Inflammation, Chronic

Kidney

Nephropathy

Liver

Bile Duct

Hyperplasia, Nos

Pancreas

Acinus

Hyperplasia, Nos

Pituitary gland

Anterior Pituitary

Angiectasis

Testis

Anterior Pituitary

Hyperplasia, Focal

Thyroid

Interstitial-Cell Tumor

C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_023

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Mammary gland		Cystic Ducts
Nasal cavity		Hyperplasia, Epithelial
		Infection, Fungal
		Inflammation, Suppurative
		Metaplasia, Squamous
Pancreas	Acinus	Hyperplasia, Nos
		Periarteritis
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified		Fibroma
		Inflammation, Pyogranulomatous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_024

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Mammary gland	Mammary Lobule	Hyperplasia, Nos
Pancreas	Acinus	Atrophy, Nos
	Acinus	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Unspecified		Cyst, Hemorrhagic
	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_025

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large
Kidney
Liver
Pancreas
Prostate
Spleen
Testis

Medulla
Colon

Bile Duct
Islets

Pheochromocytoma
Parasitism
Nephropathy
Hyperplasia, Nos
Hyperplasia, Focal
Inflammation, Suppurative
Fibroma
Atrophy, Nos
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_026

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Eye

Medulla

Pheochromocytoma

Cataract

Retinopathy

Heart

Myocardium Nos

Inflammation, Chronic

Kidney

Nephropathy

Liver

Bile Duct

Hyperplasia, Nos

Pancreas

Acinus

Hyperplasia, Nos

Spleen

Hyperplasia, Stromal

Testis

Atrophy, Nos

Interstitial-Cell Tumor

Spermatic Cord Nos

Steatitis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_027

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephrosis, Hydro
Liver	Bile Duct	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Prostate		Hyperplasia, Epithelial
		Inflammation, Chronic Suppurative
Skin	Nose	Squamous Cell Papilloma
Urinary bladder		Hyperplasia, Epithelial
		Metaplasia, Squamous
		Transitional-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_028

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Nasal cavity		Papillary Adenoma
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
	Anterior Pituitary	Hyperplasia, Focal
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_029

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Degeneration, Lipoid

Heart

Myocardium Nos

Inflammation, Chronic

Kidney

Nephropathy

Liver

Deformity, Nos

Pituitary gland

Bile Duct

Hyperplasia, Nos

Anterior Pituitary

Adenoma, Nos

Anterior Pituitary

Angiectasis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_030

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Nasal cavity		Inflammation, Suppurative
Pancreas	Acinus	Atrophy, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Cyst, Embryonal Duct

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_031

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
Prostate		Inflammation, Chronic Suppurative
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_032

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Liver
Preputial gland
Skin
Testis
Thyroid

Medulla

Bile Duct

Lip Nos

Pheochromocytoma
Nephropathy
Hyperplasia, Nos
Inflammation, Suppurative
Squamous Cell Papilloma
Interstitial-Cell Tumor
Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_033

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Mammary gland		Cystic Ducts
		Fibroadenoma
Pancreas	Acinus	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_034

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney
Liver
Pituitary gland
Prostate
Testis

Medulla
Myocardium Nos

Bile Duct
Anterior Pituitary

Spermatic Cord Nos

Pheochromocytoma
Inflammation, Chronic
Nephropathy
Hyperplasia, Nos
Angiectasis
Inflammation, Chronic
Atrophy, Nos
Interstitial-Cell Tumor
Steatitis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_035

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
	Medulla	Pheochromocytoma
Heart	Myocardium Nos	Inflammation, Chronic
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Prostate		Inflammation, Suppurative
Skin	Nose	Basal-Cell Tumor
	Ear	Squamous Cell Papilloma
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_036

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Myocardium Nos

Liver

Testis

Bile Duct

Hypertrophy, Focal

Inflammation, Chronic

Nephropathy

Tubular-Cell Adenoma

Hyperplasia, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_037

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung	Alveoli	Histiocytosis
Mammary gland		Cystic Ducts
		Fibroadenoma
Pituitary gland	Anterior Pituitary	Carcinoma, Nos
Prostate		Inflammation, Suppurative
Stomach	Omentum Nos	Steatitis
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_038

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney
Liver
Lung
Pancreas
Preputial gland
Testis

Medulla
Myocardium Nos

Bile Duct

Angiectasis
Inflammation, Chronic
Nephropathy
Hyperplasia, Nos
Hyperplasia, Adenomatous
Acinar-Cell Adenoma
Lymphocytic Inflammatory Infiltrate
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_039

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Pancreas		Acinar-Cell Adenoma
Skin	Head	Basal-Cell Tumor
		Keratoacanthoma
Testis		Interstitial-Cell Tumor
Thyroid		Cystic Follicles

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_040

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney
Pancreas
Prostate
Testis

Cortex Nos
Myocardium Nos

Degeneration, Lipoid
Inflammation, Chronic
Nephropathy
Acinar-Cell Adenoma
Inflammation, Suppurative
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_041

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Stomach	Forestomach	Hyperkeratosis
	Forestomach	Hyperplasia, Epithelial
Testis		Interstitial-Cell Tumor
Unspecified		Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_042

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Intestine Small	Ileum	Mucinous Adenocarcinoma
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Hyperplasia, Adenomatous
Lymph node	Mesenteric Lymph Node	Lymphangiectasis
Pituitary gland	Intermedia	Craniopharyngioma
	Anterior Pituitary	Cyst, Nos
Preputial gland		Adenoma, Nos
Stomach	Submucosa	Edema, Nos
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_043

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Heart	Auricular Appendage Nos	Thrombus, Mural
Kidney	Cortex	Cyst, Nos
	Medulla	Cyst, Nos
		Nephropathy
		Scar
Liver	Centrilobular	Degeneration, Nos
		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Pancreas		Acinar-Cell Adenoma
Preputial gland		Carcinoma, Nos
		Inflammation, Suppurative
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
Unspecified		Edema, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_044

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Heart	Myocardium Nos	Inflammation, Chronic
Intestine Small	Mesentery Nos	Periarteritis
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Mammary gland	Mammary Lobule	Hyperplasia, Nos
Pancreas		Acinar-Cell Adenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Prostate		Inflammation, Suppurative
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_045

TRT#: 3
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
	Medulla	Pheochromocytoma
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Mammary gland		Cystic Ducts
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Skin		Keratoacanthoma
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_046

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver	Centrilobular	Cytoplasmic Vacuolization
	Bile Duct	Hyperplasia, Nos
Lung		Hyperplasia, Adenomatous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_047

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver		Cytoplasmic Vacuolization
	Bile Duct	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Carcinoma, Nos
Prostate		Inflammation, Suppurative
Spleen		Pigmentation, Nos
Stomach	Submucosa	Edema, Nos
	Forestomach	Hyperplasia, Epithelial
	Forestomach	Ulcer, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_048

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Brain	Cerebrum	Granular-Cell Tumor, Nos
Heart	Myocardium Nos	Inflammation, Chronic
Intestine Small	Mesentery Nos	Steatitis
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Pancreas	Acinus	Atrophy, Nos
Preputial gland		Cystic Ducts
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Carcinoma
Unspecified		Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_049

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Brain	Meninges	Granular-Cell Tumor, Nos
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Granulomatous Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Prostate		Inflammation, Suppurative
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C53543

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorinated paraffins: C23, 43% chlorine
CAS Number: 108171-27-3

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_050

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Nasal cavity		Hyperplasia, Epithelial
		Infection, Fungal
		Inflammation, Suppurative
Pancreas	Acinus	Hyperplasia, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Skin	Tail	Hyperkeratosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****