

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorinated paraffins: C12, 60% chlorine

CAS Number: 108171-26-2

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:09

First Dose M/F: NA / NA

Lab: NA

C Number: C53587

Cage Range: All

Date Range: All

Reasons For Removal: All

Removal Date Range: All

Treatment Groups: All

Study Gender: Male

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_001

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Eye		Cataract
		Retinopathy
Heart		Fibrosis, Focal
Kidney	Cortex	Cyst, Multiple
		Nephropathy
Liver		Cytologic Alteration, Nos
		Hypertrophy, Nos
Lung		Lymphocytic Inflammatory Infiltrate
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pancreas		Acinar-Cell Adenoma
Pituitary gland	Anterior Pituitary	Cyst, Nos
Preputial gland		Adenoma, Nos
		Inflammation, Acute Suppurative
Prostate		Inflammation, Acute Suppurative
Stomach	Forestomach	Hyperkeratosis
	Forestomach	Hyperplasia, Epithelial
Testis		Interstitial-Cell Tumor
Thyroid		Follicular-Cell Adenoma

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_002

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Accidentally Killed

HISTO:

OBSERVATIONS

Kidney

Liver

Lung

Nephropathy

Hypertrophy, Nos

Alveolar/Bronchiolar Adenoma

Congestion, Nos

Foreign Body, Nos

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

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

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

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

ANIMAL ID: 1_003

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone		Fibrous Osteodystrophy
Eye		Cataract
		Retinopathy
Heart		Fibrosis, Focal
Kidney	Cortex	Cyst, Multiple
		Nephropathy
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
		Hypertrophy, Nos
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Parathyroid gland		Hyperplasia, Nos
Stomach	Glandular Stomach	Edema, Nos
	Glandular Stomach	Erosion
	Forestomach	Hyperkeratosis
	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Acute/Chronic
	Forestomach	Ulcer, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_005

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone		Fibrous Osteodystrophy
Kidney		Nephropathy
Liver		Hypertrophy, Nos
Parathyroid gland		Hyperplasia, Nos
Stomach	Forestomach	Hyperkeratosis
	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Acute Suppurative
	Forestomach	Squamous Cell Papilloma
	Forestomach	Ulcer, Nos
Testis		Interstitial-Cell Tumor
Thyroid		Cyst, Embryonal Duct
		Follicular-Cell Carcinoma

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_006

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone		Fibrous Osteodystrophy
Kidney		Hyperplasia, Tubular Cell Nephropathy
Liver		Focal Cellular Change Hypertrophy, Nos
Pancreas		Hyperplasia, Focal
Parathyroid gland		Hyperplasia, Nos
Preputial gland		Atrophy, Nos Inflammation, Chronic
Salivary gland		Atrophy, Focal
Skin	Back	Inflammation, Acute Suppurative
Stomach	Forestomach	Hyperkeratosis
	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Acute/Chronic
Testis		Interstitial-Cell Tumor
Thymus		Cyst, Nos

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_007

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone		Fibrous Osteodystrophy
Heart		Fibrosis, Focal
Kidney	Cortex	Cyst, Multiple Nephropathy Tubular-Cell Adenoma
Liver		Angiectasis Hypertrophy, Nos Necrosis, Focal
Lung		Hyperplasia, Alveolar Epithelium
Nasal cavity		Inflammation, Acute Suppurative Lymphocytic Inflammatory Infiltrate
Pancreas		Acinar-Cell Adenoma Hyperplasia, Focal
Parathyroid gland		Hyperplasia, Nos
Preputial gland		Atrophy, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_008

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain		Hemorrhage
Kidney		Nephropathy
Liver		Focal Cellular Change
		Hypertrophy, Nos
Pancreas		Acinar-Cell Carcinoma
Preputial gland		Cystic Ducts
		Hyperplasia, Epithelial
Stomach	Glandular Stomach	Erosion
	Forestomach	Hyperkeratosis
	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Acute/Chronic
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_009

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Liver

Nasal cavity

Preputial gland

Spleen

Testis

Unspecified

Hematopoiesis

Nephropathy

Hypertrophy, Nos

Necrosis, Zonal

Lymphocytic Inflammatory Infiltrate

Atrophy, Nos

Hematopoiesis

Interstitial-Cell Tumor

Fibroma

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_010

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Bone		Fibrous Osteodystrophy
Heart		Fibrosis, Focal
Kidney	Cortex	Cyst, Multiple
	Cortex	Cyst, Nos
		Nephropathy
Liver		Focal Cellular Change
		Hypertrophy, Nos
Mammary gland		Adenosis
Pancreas		Acinar-Cell Adenoma
Parathyroid gland		Hyperplasia, Nos
Preputial gland		Atrophy, Nos
		Inflammation, Acute Suppurative
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_011

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Bone		Fibrous Osteodystrophy
Eye		Cataract
		Retinopathy
Heart		Fibrosis, Focal
Kidney	Cortex	Cyst, Multiple
		Nephropathy
Liver		Focal Cellular Change
		Hypertrophy, Diffuse
		Inflammation, Acute Suppurative
		Necrosis, Focal
		Neoplastic Nodule
Lymph node	Mesenteric Lymph Node	Angiectasis
Nasal cavity		Infection, Fungal
		Inflammation, Acute Suppurative
		Lymphocytic Inflammatory Infiltrate
Pancreas		Acinar-Cell Adenoma
		Hyperplasia, Focal
Parathyroid gland		Hyperplasia, Nos
Spleen		Fibrosis, Focal
Stomach	Glandular Stomach	Edema, Nos
	Glandular Stomach	Erosion
	Forestomach	Hyperkeratosis
	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Acute/Chronic
	Forestomach	Ulcer, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_012

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone		Fibrous Osteodystrophy
Eye		Cataract
		Hemorrhage
		Retinopathy
Heart		Fibrosis, Focal
Intestine Small	Mesentery Nos	Congestion, Nos
	Mesentery Nos	Hemangiosarcoma
	Mesentery Nos	Hemorrhage
Kidney		Cyst, Multiple
		Nephropathy
Liver		Angiectasis
		Hypertrophy, Nos
Nasal cavity		Inflammation, Acute Suppurative
		Lymphocytic Inflammatory Infiltrate
Parathyroid gland		Hyperplasia, Nos
Spleen		Fibrosis, Focal
Testis	Spermatic Cord Nos	Ectopia
		Interstitial-Cell Tumor
Thyroid		Follicular-Cell Adenoma

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_013

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain		Hemorrhage
Eye		Cataract
		Retinopathy
Kidney		Nephropathy
Liver		Hypertrophy, Nos
Preputial gland		Adenoma, Nos
		Cystic Ducts
		Inflammation, Acute
Skin		Alopecia
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorinated paraffins: C12, 60% chlorine

CAS Number: 108171-26-2

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_014

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Bone		Fibrous Osteodystrophy
Eye		Cataract
		Retinopathy
Heart		Fibrosis, Focal
Kidney	Cortex	Cyst, Multiple
		Nephropathy
Liver	Capsule	Fibrosis, Focal
	Bile Duct	Hyperplasia, Nos
		Hypertrophy, Nos
	Capsule	Mineralization
		Neoplastic Nodule
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Parathyroid gland		Hyperplasia, Nos
Preputial gland		Atrophy, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_015

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone		Fibrous Osteodystrophy
Eye		Cataract
		Retinopathy
Heart		Fibrosis, Focal
Kidney	Cortex	Cyst, Multiple
		Hyperplasia, Tubular Cell
		Nephropathy
Liver		Focal Cellular Change
		Hypertrophy, Nos
		Neoplastic Nodule
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Parathyroid gland		Hyperplasia, Nos
Preputial gland		Atrophy, Nos
Skin	Buttock	Sebaceous Adenoma
Stomach	Glandular Stomach	Edema, Nos
	Forestomach	Hyperkeratosis
	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Acute/Chronic
	Forestomach	Ulcer, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_016

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Eye		Cataract
		Retinopathy
Heart		Fibrosis, Focal
Kidney	Cortex	Cyst, Multiple
		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Hypertrophy, Nos
		Neoplastic Nodule
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pancreas		Acinar-Cell Adenoma
		Hyperplasia, Focal
Preputial gland		Inflammation, Acute Suppurative
Skin	Trunk	Alopecia
Stomach	Forestomach	Hyperkeratosis
	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Acute Focal
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorinated paraffins: C12, 60% chlorine

CAS Number: 108171-26-2

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_017

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone		Fibrous Osteodystrophy
Eye		Cataract
		Retinopathy
Heart		Fibrosis, Focal
Kidney	Cortex	Cyst, Multiple
		Nephropathy
Liver		Focal Cellular Change
		Hypertrophy, Nos
Lung		Lymphocytic Inflammatory Infiltrate
Lymph node	Mediastinal Lymph Node	Angiectasis
Mammary gland		Fibroadenoma
Pancreas		Acinar-Cell Adenoma
Parathyroid gland		Hyperplasia, Nos
Preputial gland		Atrophy, Nos
Spleen		Fibrosis, Focal
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_018

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Bone		Fibrous Osteodystrophy
Heart		Fibrosis, Focal
Intestine Large	Cecum, Colon	Inflammation, Acute
Kidney	Cortex	Cyst, Multiple
		Nephropathy
Liver		Hypertrophy, Nos
		Necrosis, Focal
		Neoplastic Nodule
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Parathyroid gland		Hyperplasia, Nos
Preputial gland		Atrophy, Nos
Spleen		Leukemia, Mononuclear Cell
Stomach	Forestomach	Cyst, Nos
	Glandular Stomach	Edema, Nos
	Forestomach	Foreign Body, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_019

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Eye		Cataract
		Hemorrhage
		Retinopathy
Kidney		Nephropathy
Liver		Angiectasis
	Bile Duct	Hyperplasia, Nos
		Hypertrophy, Nos
Lymph node	Mandibular Lymph Node	Lymphangiectasis
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pancreas		Acinar-Cell Adenoma
	Islets	Islet-Cell Carcinoma
Preputial gland		Atrophy, Nos
		Fibrosis
Spleen		Fibrosis, Focal
Stomach	Glandular Stomach	Erosion
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_020

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Kidney		Hyperplasia, Tubular Cell Nephropathy
Liver		Angiectasis Focal Cellular Change Hypertrophy, Nos
Mammary gland		Cystic Ducts
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Cyst, Nos
Preputial gland		Atrophy, Nos
Stomach	Glandular Stomach	Erosion
	Forestomach	Hyperkeratosis
	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Acute/Chronic
	Forestomach	Ulcer, Nos
Testis		Interstitial-Cell Tumor
Thyroid		Hemosiderosis Hyperplasia, Follicular Cell

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorinated paraffins: C12, 60% chlorine

CAS Number: 108171-26-2

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_021

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Eye

Cataract

Kidney

Retinopathy

Liver

Nephropathy

Focal Cellular Change

Stomach

Forestomach

Hypertrophy, Nos

Forestomach

Hyperkeratosis

Forestomach

Hyperplasia, Epithelial

Forestomach

Inflammation, Acute/Chronic

Testis

Ulcer, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_022

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
	Medulla	Pheochromocytoma
Eye		Cataract
		Retinopathy
Heart		Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Hypertrophy, Nos
Pancreas		Hyperplasia, Focal
Prostate		Inflammation, Acute/Chronic
Spleen		Scar
Stomach	Forestomach	Hemorrhage
	Forestomach	Hyperkeratosis
	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Acute/Chronic
	Forestomach	Ulcer, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_023

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Eye		Cataract
		Retinopathy
Heart		Fibrosis, Focal
Kidney		Nephropathy
Liver		Inflammation, Acute Suppurative
		Necrosis, Focal
Mammary gland		Cystic Ducts
Pancreas		Hyperplasia, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Prostate		Inflammation, Acute Suppurative
Stomach	Forestomach	Hyperkeratosis
	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Acute Focal
	Forestomach	Ulcer, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_024

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Bone		Fibrous Osteodystrophy
Eye		Cataract
		Retinopathy
Heart		Fibrosis, Focal
Intestine Small	Jejunum	Intussusception
Kidney	Cortex	Cyst, Multiple
		Hyperplasia, Tubular Cell
	Pelvis	Inflammation, Acute Suppurative
		Nephropathy
Liver		Angiectasis
		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
		Hypertrophy, Nos
Lymph node	Mesenteric Lymph Node	Lymphangiectasis
	Pancreatic Lymph Node	Lymphangiectasis
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pancreas		Acinar-Cell Adenoma
Parathyroid gland		Hyperplasia, Nos
Preputial gland		Cystic Ducts
		Inflammation, Acute Suppurative
Stomach	Forestomach	Hyperkeratosis
	Forestomach	Hyperplasia, Epithelial
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_025

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Angiectasis
Eye		Cataract
		Retinopathy
Heart		Fibrosis, Focal
Kidney	Cortex	Cyst, Multiple
		Nephropathy
Liver		Focal Cellular Change
		Hypertrophy, Nos
		Necrosis, Focal
Lung		Hyperplasia, Alveolar Epithelium
		Inflammation, Acute Focal
		Necrosis, Focal
Pancreas		Acinar-Cell Adenoma
Preputial gland		Adenoma, Nos
Stomach	Glandular Stomach	Edema, Nos
	Forestomach	Hyperkeratosis
	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Acute/Chronic
	Glandular Stomach	Inflammation, Acute/Chronic
	Forestomach	Necrosis, Focal
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_026

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Bone		Fibrous Osteodystrophy
Heart		Fibrosis, Focal
Kidney	Cortex	Cyst, Multiple
		Nephropathy
Liver		Focal Cellular Change
		Hepatocellular Carcinoma
		Hypertrophy, Nos
		Necrosis, Focal
		Neoplastic Nodule
Parathyroid gland		Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Preputial gland		Atrophy, Nos
Stomach	Forestomach	Hyperkeratosis
	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Acute/Chronic
	Forestomach	Ulcer, Nos
Testis		Interstitial-Cell Tumor
Thyroid		Cystic Follicles

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_027

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Bone		Fibrous Osteodystrophy
Heart		Fibrosis, Focal
Kidney	Pelvis	Hyperplasia, Epithelial
		Hyperplasia, Tubular Cell
	Pelvis	Inflammation, Acute Suppurative
		Nephropathy
Liver		Hypertrophy, Nos
		Malposition, Nos
		Necrosis, Focal
		Neoplastic Nodule
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pancreas		Acinar-Cell Adenoma
Parathyroid gland		Hyperplasia, Nos
Preputial gland		Atrophy, Nos
		Inflammation, Acute Suppurative
Prostate		Inflammation, Acute Suppurative
Stomach	Forestomach	Erosion
	Glandular Stomach	Erosion
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_028

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone		Fibrous Osteodystrophy
Intestine Large	Colon	Inflammation, Acute/Chronic
Intestine Small	Mesentery Nos	Necrosis, Fat
Kidney	Cortex	Cyst, Multiple
		Nephropathy
Liver		Focal Cellular Change
		Hypertrophy, Nos
		Necrosis, Focal
		Neoplastic Nodule
Parathyroid gland		Hyperplasia, Nos
Preputial gland		Atrophy, Nos
		Carcinoma, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_029

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Liver

Cortex Nos

Cyst, Nos
Nephropathy
Hypertrophy, Nos
Neoplastic Nodule

Pituitary gland

Anterior Pituitary

Angiectasis

Testis

Anterior Pituitary

Hyperplasia, Focal

Urinary bladder

Interstitial-Cell Tumor

Transitional-Cell Papilloma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_030

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Heart		Fibrosis, Focal
Kidney	Cortex	Cyst, Multiple
		Nephropathy
Liver		Congestion, Nos
		Hypertrophy, Nos
		Lymphangiectasis
Lymph node	Renal Lymph Node	Angiectasis
Nerve, peripheral	Paraganglion Nos	Paraganglioma, Nos
Skin	Back	Squamous Cell Papilloma
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_031

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis, Focal
Kidney		Nephropathy
Liver		Angiectasis
	Bile Duct	Hyperplasia, Nos
		Hypertrophy, Nos
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Cyst, Nos
Testis		Interstitial-Cell Tumor
Thyroid		Cystic Follicles
Unspecified	Groin	Fibrous Histiocytoma
	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_032

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Bone		Fibrous Osteodystrophy
Kidney	Cortex	Cyst, Multiple
		Hyperplasia, Tubular Cell
		Nephropathy
Liver		Cytoplasmic Change, Eosinophilic
		Hypertrophy, Nos
		Necrosis, Zonal
Lymph node	Mesenteric Lymph Node	Congestion, Nos
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Parathyroid gland		Hyperplasia, Nos
Preputial gland		Atrophy, Nos
Spleen		Fibrosis, Focal
Stomach	Forestomach	Hyperkeratosis
	Forestomach	Hyperplasia, Epithelial
Testis		Interstitial-Cell Tumor
Thyroid		Cystic Follicles

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_033

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis, Focal
Kidney		Nephropathy
Liver		Angiectasis
		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
		Hypertrophy, Nos
		Necrosis, Nos
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Parathyroid gland		Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
Preputial gland		Atrophy, Nos
Stomach	Forestomach	Hyperkeratosis
	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Chronic
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

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

ANIMAL ID: 1_034

TRT#: 1
DOSE: 625.0 MG/KG

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart		Fibrosis, Focal
Kidney		Cyst, Multiple
		Nephropathy
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
		Hypertrophy, Nos
		Necrosis, Focal
		Neoplastic Nodule
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pancreas		Periarteritis
Stomach	Forestomach	Edema, Nos
	Forestomach	Hyperkeratosis
	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Acute
	Forestomach	Ulcer, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_035

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Intestine Large	Rectum	Inflammation, Acute Suppurative
Kidney		Nephropathy
		Tubular-Cell Adenoma
Liver		Hypertrophy, Nos
Lung		Hyperplasia, Alveolar Epithelium
Pancreas		Atrophy, Focal
Prostate		Inflammation, Acute Suppurative
Stomach	Glandular Stomach	Erosion
	Glandular Stomach	Hyperplasia, Epithelial
	Forestomach	Squamous Cell Papilloma
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_036

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
	Medulla	Pheochromocytoma
Heart		Fibrosis, Focal
Kidney		Hyperplasia, Tubular Cell
		Nephropathy
Liver		Hypertrophy, Nos
		Necrosis, Focal
		Necrosis, Nos
Lymph node	Inguinal Lymph Node	Lymphangiectasis
Preputial gland		Carcinoma, Nos
Stomach	Glandular Stomach	Erosion
	Forestomach	Hyperkeratosis
	Forestomach	Hyperplasia, Epithelial
Testis		Interstitial-Cell Tumor
Thyroid		Cystic Follicles

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorinated paraffins: C12, 60% chlorine

CAS Number: 108171-26-2

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_037

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone		Fibrous Osteodystrophy
Heart		Fibrosis, Focal
Kidney		Nephropathy
		Tubular-Cell Adenoma
Liver		Focal Cellular Change
		Hypertrophy, Nos
		Necrosis, Focal
		Neoplastic Nodule
Pancreas		Acinar-Cell Adenoma
	Islets	Islet-Cell Adenoma
Parathyroid gland		Hyperplasia, Nos
Preputial gland		Atrophy, Nos
		Inflammation, Acute Suppurative
Spleen		Fibrosis, Focal
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_038

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Bone		Fibrous Osteodystrophy
Intestine Small	Mesentery Nos	Necrosis, Fat
Kidney	Cortex	Cyst, Multiple
		Hyperplasia, Tubular Cell
		Nephropathy
Liver	Bile Duct	Dilatation, Nos
	Bile Duct	Hyperplasia, Nos
		Hypertrophy, Nos
Pancreas		Acinar-Cell Carcinoma
Parathyroid gland		Hyperplasia, Nos
Preputial gland		Adenoma, Nos
		Cystic Ducts
Stomach	Forestomach	Hyperkeratosis
	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Acute/Chronic
Testis		Interstitial-Cell Tumor
Unspecified	Diaphragm Nos	Acinar-Cell Carcinoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_039

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Heart		Fibrosis, Focal
Kidney	Cortex	Cyst, Multiple
		Nephropathy
Liver		Hypertrophy, Nos
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pancreas		Hyperplasia, Focal
Preputial gland		Adenoma, Nos
Skin	Tail	Squamous Cell Papilloma
Stomach	Glandular Stomach	Edema, Nos
	Glandular Stomach	Erosion
	Forestomach	Hyperkeratosis
	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Acute/Chronic
	Forestomach	Ulcer, Nos
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Carcinoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_040

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney
Preputial gland
Testis
Thyroid

Medulla

Pheochromocytoma
Fibrosis, Focal
Nephropathy
Adenoma, Nos
Interstitial-Cell Tumor
Cyst, Embryonal Duct

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_041

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney		Nephropathy
Peritoneum	Peritoneal Cavity Nos	Hemorrhage
Spleen		Atrophy, Nos
Unspecified	Mediastinum Nos	Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_042

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Intestine Small	Mesentery Nos	Necrosis, Fat
Kidney	Cortex	Cyst, Multiple
		Nephropathy
Liver		Angiectasis
		Focal Cellular Change
Mammary gland		Hypertrophy, Nos
Nasal cavity		Cystic Ducts
Pancreas		Lymphocytic Inflammatory Infiltrate
		Acinar-Cell Adenoma
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Spleen		Hyperplasia, Focal
Stomach	Forestomach	Fibrosis, Focal
	Forestomach	Hyperkeratosis
	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Acute/Chronic
		Ulcer, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_043

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Bone		Fibrous Osteodystrophy
Kidney	Cortex	Cyst, Multiple
		Nephropathy
Liver		Hypertrophy, Nos
		Neoplastic Nodule
Mammary gland		Fibroadenoma
Nasal cavity	Nose Nos	Lymphocytic Inflammatory Infiltrate
Parathyroid gland		Hyperplasia, Nos
Preputial gland		Adenoma, Nos
		Atrophy, Nos
		Cystic Ducts
Stomach	Forestomach	Hyperkeratosis
	Forestomach	Hyperplasia, Epithelial
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_044

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Degeneration, Lipoid Pheochromocytoma
Bone		Fibrous Osteodystrophy
Heart		Fibrosis, Multifocal
Kidney	Cortex	Cyst, Multiple Hyperplasia, Tubular Cell Nephropathy
Liver		Hepatocellular Carcinoma Hypertrophy, Nos Neoplastic Nodule
Pancreas		Acinar-Cell Adenoma
Parathyroid gland		Hyperplasia, Nos
Preputial gland		Atrophy, Nos Inflammation, Acute Suppurative
Prostate		Inflammation, Acute Suppurative
Skin	Back	Trichoepithelioma
Stomach	Glandular Stomach Forestomach Forestomach Forestomach Forestomach	Edema, Nos Hyperkeratosis Hyperplasia, Epithelial Inflammation, Acute/Chronic Perforation, Inflammatory
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_045

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Bone		Fibrous Osteodystrophy
Heart		Fibrosis, Multifocal
Intestine Small	Duodenum	Erosion
Kidney	Cortex	Cyst, Multiple
		Hyperplasia, Tubular Cell
		Nephropathy
Liver		Angiectasis
		Degeneration, Cystic
		Fibrosis, Focal
		Focal Cellular Change
		Hypertrophy, Nos
Mammary gland		Cystic Ducts
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Parathyroid gland		Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Preputial gland		Atrophy, Nos
Prostate		Inflammation, Acute Suppurative
Stomach	Forestomach	Hyperkeratosis
	Forestomach	Hyperplasia, Epithelial
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
		Cyst, Follicular Nos
Unspecified		Fibrosarcoma
		Neurofibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_046

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Heart		Fibrosis, Focal
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Hypertrophy, Nos
		Thrombosis, Nos
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorinated paraffins: C12, 60% chlorine

CAS Number: 108171-26-2

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_047

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis, Focal
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos Hypertrophy, Nos
Lung		Histiocytosis Hyperplasia, Alveolar Epithelium
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pancreas		Acinar-Cell Adenoma
Preputial gland		Atrophy, Nos Cystic Ducts
Spleen		Fibrosis, Focal
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_048

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis, Multifocal
Kidney	Cortex	Cyst, Multiple Hyperplasia, Tubular Cell Nephropathy
Liver		Focal Cellular Change Hypertrophy, Nos Neoplastic Nodule
Mammary gland		Cystic Ducts
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Skin	Tail	Keratoacanthoma
Stomach	Glandular Stomach	Edema, Nos
	Forestomach	Hyperkeratosis
	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Acute/Chronic
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_049

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Angiectasis Pheochromocytoma
Bone		Fibrous Osteodystrophy
Heart		Fibrosis, Focal Thrombus, Mural
Kidney	Cortex	Cyst, Multiple Hyperplasia, Tubular Cell Nephropathy
Liver		Fibrosis, Focal Focal Cellular Change
	Bile Duct	Hyperplasia, Nos Hypertrophy, Nos Necrosis, Focal Neoplastic Nodule
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pancreas		Atrophy, Focal
Parathyroid gland		Hyperplasia, Nos
Preputial gland		Atrophy, Nos
Stomach	Glandular Stomach	Edema, Nos
	Forestomach	Hyperkeratosis
	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Acute/Chronic
	Forestomach	Ulcer, Nos
	Glandular Stomach	Ulcer, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_050

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Angiectasis Pheochromocytoma
Bone		Fibrous Osteodystrophy
Heart		Fibrosis, Multifocal
Kidney	Cortex	Cyst, Multiple Nephropathy
Liver		Angiectasis Focal Cellular Change Hypertrophy, Nos Neoplastic Nodule
Lung		Cholesterol Deposit
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pancreas		Acinar-Cell Adenoma
Parathyroid gland		Hyperplasia, Nos
Preputial gland		Atrophy, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorinated paraffins: C12, 60% chlorine

CAS Number: 108171-26-2

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_001

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Fibrosis, Focal
Intestine Large	Colon	Ulcer, Nos
Kidney		Nephropathy
		Tubular-Cell Adenocarcinoma
Liver		Cytologic Alteration, Nos
	Bile Duct	Hyperplasia, Nodular
		Hyperplasia, Nos
		Hypertrophy, Nos
		Necrosis, Nos
Lung		Alveolar/Bronchiolar Carcinoma
Nasal cavity		Inflammation, Acute Suppurative
		Lymphocytic Inflammatory Infiltrate
Preputial gland		Atrophy, Nos
Testis		Interstitial-Cell Tumor
Thyroid		Cystic Follicles
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_002

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Bone		Fibrous Osteodystrophy
Eye		Cataract
		Retinopathy
Heart		Fibrosis, Multifocal
Intestine Small	Mesentery Nos	Necrosis, Fat
Kidney	Cortex	Cyst, Multiple
		Nephropathy
Nasal cavity		Foreign Body, Nos
		Inflammation, Acute Suppurative
Parathyroid gland		Hyperplasia, Nos
Prostate		Inflammation, Acute Suppurative
Skin	Back	Alopecia
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_003

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone		Fibrous Osteodystrophy
Eye		Cataract
		Retinopathy
Heart		Fibrosis, Multifocal
Kidney	Cortex	Cyst, Multiple
		Nephropathy
Liver		Hypertrophy, Nos
Lymph node	Mandibular Lymph Node	Lymphangiectasis
Mammary gland		Cystic Ducts
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Parathyroid gland		Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Hemosiderosis
Preputial gland		Atrophy, Nos
Prostate		Inflammation, Acute Suppurative
Skin	Shoulder	Alopecia
Stomach	Glandular Stomach	Edema, Nos
	Glandular Stomach	Erosion
	Forestomach	Hyperkeratosis
	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Acute/Chronic
Testis		Interstitial-Cell Tumor
Thymus		Cyst, Nos
Thyroid		C-Cell Adenoma
Tongue		Squamous Cell Papilloma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_004

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney	Cortex	Cyst, Multiple Nephropathy Tubular-Cell Adenoma
Liver	Bile Duct	Hyperplasia, Nos Hypertrophy, Nos Lymphocytic Inflammatory Infiltrate
Nasal cavity		Acinar-Cell Adenoma
Pancreas		Hyperplasia, Focal
Pituitary gland	Anterior Pituitary	Atrophy, Nos
Preputial gland		Squamous Cell Papilloma
Skin	Ear	Interstitial-Cell Tumor
Testis		Fibroma
Unspecified	Thorax	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_005

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Bone		Fibrous Osteodystrophy
Bone marrow		Atrophy, Nos
		Fibrosis, Myelo
Eye		Cataract
		Retinopathy
Heart		Degeneration, Nos
		Thrombus, Mural
Intestine Small	Duodenum	Erosion
Kidney	Cortex	Cyst, Nos
		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Hypertrophy, Nos
		Necrosis, Nos
Mammary gland		Cystic Ducts
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Parathyroid gland		Hyperplasia, Nos
Pituitary gland	Intermedia	Cyst, Nos
Skin	Flank	Adenosquamous Carcinoma
Spleen		Fibrosis, Focal
Stomach	Forestomach	Edema, Nos
	Glandular Stomach	Edema, Nos
	Glandular Stomach	Erosion
	Forestomach	Hyperkeratosis
	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Acute Suppurative
	Forestomach	Perforation, Inflammatory
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_006

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Bone		Fibrous Osteodystrophy
Kidney	Cortex	Cyst, Multiple
		Nephropathy
Liver		Focal Cellular Change
Mammary gland		Cystic Ducts
Nasal cavity		Foreign Body, Nos
		Infection, Fungal
		Inflammation, Acute Suppurative
		Lymphocytic Inflammatory Infiltrate
Pancreas		Acinar-Cell Adenoma
	Islets	Islet-Cell Adenoma
Parathyroid gland		Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Atrophy, Nos
Prostate		Inflammation, Acute Suppurative
Stomach	Glandular Stomach	Edema, Nos
	Forestomach	Hyperkeratosis
	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Acute/Chronic
	Glandular Stomach	Ulcer, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_007

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Dosing Accident

HISTO:

OBSERVATIONS

Intestine Large
Kidney
Lung

Rectum

Parasitism
Nephropathy
Congestion, Nos
Foreign Body, Nos
Alopecia
Interstitial-Cell Tumor
Cystic Follicles
Foreign Body, Nos

Skin
Testis
Thyroid
Unspecified

Mediastinum Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_008

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Bone		Fibrous Osteodystrophy
Eye		Cataract
		Retinopathy
Heart		Fibrosis, Focal
Kidney		Cyst, Multiple
		Nephropathy
Liver		Angiectasis
		Degeneration, Cystic
		Hypertrophy, Nos
Parathyroid gland		Hyperplasia, Nos
Stomach	Forestomach	Cyst, Nos
	Glandular Stomach	Erosion
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorinated paraffins: C12, 60% chlorine

CAS Number: 108171-26-2

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_009

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone		Fibrous Osteodystrophy
Eye		Cataract
		Retinopathy
Heart		Fibrosis
Kidney		Nephropathy
		Tubular-Cell Adenocarcinoma
Liver		Angiectasis
		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
		Hypertrophy, Nos
Pancreas		Hyperplasia, Focal
Parathyroid gland		Hyperplasia, Nos
Stomach	Forestomach	Hyperkeratosis
	Forestomach	Hyperplasia, Epithelial
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_010

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Bone		Fibrous Osteodystrophy
Eye		Cataract
		Hemorrhage
		Retinopathy
Heart		Fibrosis, Multifocal
Kidney	Cortex	Cyst, Multiple
		Nephropathy
		Tubular-Cell Adenoma
Liver		Focal Cellular Change
		Neoplastic Nodule
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pancreas		Acinar-Cell Adenoma
		Hyperplasia, Focal
Parathyroid gland		Hyperplasia, Nos
Preputial gland		Atrophy, Nos
Spleen		Fibrosis, Focal
Stomach	Glandular Stomach	Edema, Nos
	Forestomach	Hyperkeratosis
	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Acute/Chronic
	Forestomach	Ulcer, Nos
	Glandular Stomach	Ulcer, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_011

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Eye		Cataract
		Retinopathy
Kidney	Cortex	Cyst, Multiple
		Hyperplasia, Tubular Cell
		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Hypertrophy, Nos
Pancreas		Acinar-Cell Adenoma
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Atrophy, Nos
Stomach	Forestomach	Hyperkeratosis
	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Acute/Chronic
	Forestomach	Ulcer, Nos
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Carcinoma
		Cystic Follicles
Unspecified	Thorax	Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_012

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Pheochromocytoma

Kidney

Nephropathy

Liver

Bile Duct

Hyperplasia, Nos

Hypertrophy, Nos

Skin

Thorax

Squamous Cell Carcinoma

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_013

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hemorrhage
Heart		Fibrosis, Focal
Kidney		Hyperplasia, Tubular Cell
		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Hypertrophy, Nos
		Necrosis, Nos
Nasal cavity		Inflammation, Acute Suppurative
		Lymphocytic Inflammatory Infiltrate
Pancreas		Acinar-Cell Adenoma
		Hyperplasia, Focal
Skin	Buttock	Keratoacanthoma
	Scrotum	Keratoacanthoma
Testis		Interstitial-Cell Tumor
Unspecified	Neck	Hemorrhage
	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_014

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone		Fibrous Osteodystrophy
Kidney		Nephropathy
Liver		Hypertrophy, Nos
Parathyroid gland		Hyperplasia, Nos
Spleen		Fibrosis, Focal
Stomach	Forestomach	Hyperkeratosis
	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Acute/Chronic
	Forestomach	Ulcer, Nos
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_015

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Eye		Cataract
		Retinopathy
Heart		Fibrosis, Multifocal
Intestine Large	Rectum	Parasitism
Kidney	Cortex	Cyst, Multiple
		Nephropathy
Liver		Angiectasis
		Hepatocellular Carcinoma
	Bile Duct	Hyperplasia, Nos
		Hypertrophy, Nos
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pancreas		Acinar-Cell Adenoma
		Atrophy, Focal
Preputial gland		Atrophy, Nos
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
		Cystic Follicles
Unspecified		Fibroma
	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorinated paraffins: C12, 60% chlorine

CAS Number: 108171-26-2

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_016

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Eye		Cataract
		Retinopathy
Heart		Fibrosis, Multifocal
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Hypertrophy, Nos
		Neoplastic Nodule
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pancreas		Acinar-Cell Adenoma
Preputial gland		Atrophy, Nos
Skin	Thigh	Squamous Cell Papilloma
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_017

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Bone		Fibrous Osteodystrophy
Heart		Fibrosis, Multifocal
Kidney	Cortex	Cyst, Multiple
		Nephropathy
		Tubular-Cell Adenoma
Liver		Necrosis, Focal
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pancreas		Acinar-Cell Adenoma
		Hyperplasia, Focal
Parathyroid gland		Hyperplasia, Nos
Preputial gland		Atrophy, Nos
Stomach	Forestomach	Adhesion, Fibrous
	Forestomach	Hyperkeratosis
	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Acute/Chronic
	Forestomach	Ulcer, Nos
Testis		Interstitial-Cell Tumor
Thyroid		Cystic Follicles

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_018

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Fibrosis, Focal
Kidney		Nephropathy
Nasal cavity		Inflammation, Acute Suppurative
		Lymphocytic Inflammatory Infiltrate
Preputial gland		Atrophy, Nos
		Cystic Ducts
		Inflammation, Acute Suppurative
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_019

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone		Fibrous Osteodystrophy
Eye		Cataract
		Retinopathy
Intestine Small	Duodenum	Inflammation, Acute
	Duodenum	Ulcer, Nos
Kidney	Cortex	Cyst, Multiple
		Nephropathy
Liver		Hepatocellular Carcinoma
		Hypertrophy, Nos
Pancreas		Acinar-Cell Adenoma
		Hyperplasia, Focal
Preputial gland		Atrophy, Nos
Stomach	Forestomach	Hyperkeratosis
	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Acute/Chronic
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_020

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Eye		Cataract
		Retinopathy
Heart		Fibrosis, Multifocal
Intestine Large	Rectum	Parasitism
Kidney	Cortex	Cyst, Multiple
		Nephropathy
		Tubular-Cell Adenoma
Liver		Hypertrophy, Nos
		Neoplastic Nodule
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pancreas		Acinar-Cell Adenoma
		Inflammation, Acute/Chronic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Atrophy, Nos
Skin	Back	Fibroma
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_021

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Necrosis, Focal
Bone		Fibrous Osteodystrophy
Heart		Fibrosis, Multifocal
Kidney	Cortex	Cyst, Multiple
		Hyperplasia, Tubular Cell
		Nephropathy
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Parathyroid gland		Hyperplasia, Nos
Preputial gland		Atrophy, Nos
Skin	Tail	Keratoacanthoma
	Buttock	Squamous Cell Papilloma
Spleen		Fibrosis, Focal
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_022

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cortical Adenoma

Bone

Hyperplasia, Focal

Eye

Fibrous Osteodystrophy

Heart

Cataract

Kidney

Retinopathy

Liver

Fibrosis, Focal

Nephropathy

Angiectasis

Hypertrophy, Nos

Necrosis, Focal

Neoplastic Nodule

Nasal cavity

Lymphocytic Inflammatory Infiltrate

Parathyroid gland

Hyperplasia, Nos

Stomach

Glandular Stomach

Erosion

Testis

Interstitial-Cell Tumor

Thyroid

Follicular-Cell Adenoma

Unspecified

Shoulder

Lipoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorinated paraffins: C12, 60% chlorine

CAS Number: 108171-26-2

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_023

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone		Fibrous Osteodystrophy
Eye		Cataract
	Cornea	Fibrosis
		Microphthalmia
Kidney	Cortex	Retinopathy
		Cyst, Multiple
		Nephropathy
Liver		Angiectasis
		Hypertrophy, Nos
Lung		Congestion, Nos
Nasal cavity		Inflammation, Suppurative
		Lymphocytic Inflammatory Infiltrate
Pancreas		Acinar-Cell Adenoma
Parathyroid gland		Hyperplasia, Nos
Preputial gland		Atrophy, Nos
Skin	Groin	Inflammation, Acute/Chronic
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_024

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Bone		Fibrous Osteodystrophy
Eye		Cataract
		Retinopathy
Kidney		Nephropathy
		Tubular-Cell Adenoma
Liver		Hepatocellular Carcinoma
	Bile Duct	Hyperplasia, Nos
		Hypertrophy, Nos
Mammary gland		Fibroadenoma
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Parathyroid gland		Hyperplasia, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorinated paraffins: C12, 60% chlorine

CAS Number: 108171-26-2

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_025

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart

Kidney

Liver

Testis

Fibrosis, Focal

Nephropathy

Necrosis, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_026

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone		Fibrous Osteodystrophy
Heart		Fibrosis, Multifocal
		Mineralization
Kidney	Cortex	Cyst, Multiple
		Hyperplasia, Tubular Cell
		Nephropathy
Liver		Mineralization
		Necrosis, Focal
		Neoplastic Nodule
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Parathyroid gland		Hyperplasia, Nos
Preputial gland		Atrophy, Nos
Stomach	Glandular Stomach	Edema, Nos
	Glandular Stomach	Inflammation, Acute/Chronic
	Forestomach	Ulcer, Nos
	Glandular Stomach	Ulcer, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_027

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Heart		Fibrosis
Kidney		Nephropathy
Liver		Hypertrophy, Nos
		Neoplastic Nodule
Mammary gland		Cystic Ducts
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pancreas		Acinar-Cell Adenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Preputial gland		Atrophy, Nos
Stomach	Glandular Stomach	Erosion
	Forestomach	Hyperkeratosis
	Forestomach	Hyperplasia, Epithelial
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
Unspecified	Multiple Organs Nos	Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_028

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
	Medulla	Pheochromocytoma
Bone		Fibrous Osteodystrophy
Kidney	Cortex	Cyst, Multiple
		Hyperplasia, Tubular Cell
		Nephropathy
Liver		Hypertrophy, Nos
		Necrosis, Zonal
Pancreas		Acinar-Cell Adenoma
		Hyperplasia, Focal
Parathyroid gland		Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
Stomach	Forestomach	Hyperkeratosis
	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Acute Focal
	Forestomach	Ulcer, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_029

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone		Fibrous Osteodystrophy
Intestine Small	Duodenum	Erosion
Kidney	Cortex	Cyst, Multiple
		Nephropathy
Liver		Hypertrophy, Nos
Pancreas		Hyperplasia, Focal
Preputial gland		Hyperplasia, Epithelial
		Inflammation, Acute
Stomach	Forestomach	Hyperkeratosis
	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Acute/Chronic
	Forestomach	Perforation, Inflammatory
	Forestomach	Ulcer, Nos
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_030

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Ileum

Adenocarcinoma, Nos

Kidney

Cortex

Cyst, Multiple

Liver

Nephropathy

Angiectasis

Nasal cavity

Focal Cellular Change

Pancreas

Lymphocytic Inflammatory Infiltrate

Acinar-Cell Adenoma

Pituitary gland

Anterior Pituitary

Hyperplasia, Focal

Adenoma, Nos

Preputial gland

Anterior Pituitary

Angiectasis

Adenoma, Nos

Skin

Lower Leg

Cystic Ducts

Testis

Alopecia

Thyroid

Interstitial-Cell Tumor

Cystic Follicles

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorinated paraffins: C12, 60% chlorine

CAS Number: 108171-26-2

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_031

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone		Fibrous Osteodystrophy
Heart		Fibrosis, Multifocal
Intestine Small	Duodenum	Erosion
Kidney	Cortex	Cyst, Multiple
		Hyperplasia, Tubular Cell
		Nephropathy
Liver		Hypertrophy, Nos
		Neoplastic Nodule
Mammary gland		Adenosis
		Cystic Ducts
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pancreas		Acinar-Cell Adenoma
		Atrophy, Focal
		Hyperplasia, Focal
Parathyroid gland		Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Hemosiderosis
Preputial gland		Carcinoma, Nos
		Cystic Ducts
Prostate		Inflammation, Acute Suppurative
Stomach	Glandular Stomach	Edema, Nos
	Forestomach	Hyperkeratosis
	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Acute/Chronic
	Forestomach	Ulcer, Nos
	Glandular Stomach	Ulcer, Nos
Testis		Interstitial-Cell Tumor
Thyroid		Follicular-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_032

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis, Multifocal
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos Hypertrophy, Nos Necrosis, Focal
Mammary gland		Cystic Ducts Fibroadenoma
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pancreas		Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Hemosiderosis
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_033

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Bone		Fibrous Osteodystrophy
Heart		Fibrosis, Multifocal
Kidney	Cortex	Cyst, Multiple
		Nephropathy
Liver		Focal Cellular Change
		Hypertrophy, Nos
Nasal cavity		Infection, Fungal
		Inflammation, Acute Suppurative
		Lymphocytic Inflammatory Infiltrate
Pancreas		Acinar-Cell Adenoma
		Hyperplasia, Focal
Parathyroid gland		Hyperplasia, Nos
Preputial gland		Adenoma, Nos
		Inflammation, Acute Suppurative
Stomach	Glandular Stomach	Edema, Nos
	Forestomach	Hyperkeratosis
	Forestomach	Hyperplasia, Epithelial
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

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

ANIMAL ID: 2_034

TRT#: 2
DOSE: 312.0 MG/KG

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone		Fibrous Osteodystrophy
Heart		Fibrosis, Multifocal
Kidney	Cortex	Cyst, Multiple
		Hyperplasia, Tubular Cell
		Nephropathy
Liver		Tubular-Cell Adenoma
		Hypertrophy, Nos
		Necrosis, Focal
		Neoplastic Nodule
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Parathyroid gland		Hyperplasia, Nos
Preputial gland		Atrophy, Nos
Stomach	Forestomach	Hyperkeratosis
	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Acute/Chronic
	Forestomach	Ulcer, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_035

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Heart		Fibrosis, Multifocal
Kidney		Nephropathy
Liver		Angiectasis
		Degeneration, Cystic
		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
		Hypertrophy, Nos
Lung		Hemorrhage
Lymph node	Mesenteric Lymph Node	Angiectasis
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pancreas	Islets	Islet-Cell Adenoma
Preputial gland		Atrophy, Nos
Prostate		Fibrosis, Focal
Skin	Back	Basal-Cell Tumor
Spleen		Fibrosis, Focal
		Hematopoiesis
Testis		Interstitial-Cell Tumor
Unspecified		Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorinated paraffins: C12, 60% chlorine

CAS Number: 108171-26-2

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_036

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone		Fibrous Osteodystrophy
Heart		Fibrosis
Kidney		Nephropathy
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pancreas		Hyperplasia, Focal
Parathyroid gland		Hyperplasia, Nos
Stomach	Forestomach	Erosion
	Forestomach	Hyperkeratosis
	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Chronic
Thyroid		Cystic Follicles
		Hyperplasia, Follicular Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_037

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Bone		Fibrous Osteodystrophy
Heart		Fibrosis, Multifocal
Kidney	Cortex	Cyst, Multiple
		Hyperplasia, Tubular Cell
		Nephropathy
Liver		Angiectasis
		Focal Cellular Change
		Hypertrophy, Nos
Mammary gland		Cystic Ducts
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pancreas		Acinar-Cell Adenoma
		Atrophy, Focal
Parathyroid gland		Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Preputial gland		Atrophy, Nos
		Inflammation, Acute Suppurative
Spleen		Fibrosis, Focal
Stomach	Forestomach	Hyperkeratosis
	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Acute/Chronic
	Forestomach	Ulcer, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_038

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Bone		Fibrous Osteodystrophy
Heart		Fibrosis, Multifocal
Kidney	Cortex	Cyst, Multiple
		Hyperplasia, Tubular Cell
		Nephropathy
Liver		Tubular-Cell Adenoma
		Focal Cellular Change
		Hypertrophy, Nos
Lung		Inflammation, Acute Suppurative
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Preputial gland		Atrophy, Nos
		Inflammation, Acute Suppurative
Stomach	Glandular Stomach	Edema, Nos
Testis		Interstitial-Cell Tumor
Thyroid		Follicular-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_039

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Pheochromocytoma

Heart

Fibrosis

Kidney

Nephropathy

Liver

Bile Duct

Hyperplasia, Nos

Hypertrophy, Nos

Necrosis, Zonal

Mammary gland

Cystic Ducts

Nasal cavity

Lymphocytic Inflammatory Infiltrate

Pancreas

Acinar-Cell Adenoma

Preputial gland

Atrophy, Nos

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_040

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone		Fibrous Osteodystrophy
Heart		Fibrosis, Focal
		Thrombus, Mural
Intestine Large	Colon	Inflammation, Chronic
Kidney		Nephropathy
Liver		Cytologic Alteration, Nos
		Hypertrophy, Nos
		Necrosis, Focal
		Neoplastic Nodule
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pancreas		Hyperplasia, Focal
Parathyroid gland		Hyperplasia, Nos
Preputial gland		Atrophy, Nos
Spleen		Fibrosis, Focal
Stomach	Forestomach	Hyperkeratosis
	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Acute/Chronic
	Forestomach	Perforation, Inflammatory
	Glandular Stomach	Ulcer, Nos
Testis		Interstitial-Cell Tumor
Unspecified		Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_041

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone		Fibrous Osteodystrophy
Kidney		Nephropathy
Pancreas		Acinar-Cell Adenoma
Parathyroid gland		Hyperplasia, Nos
Stomach	Forestomach	Hyperkeratosis
	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Acute/Chronic
	Forestomach	Ulcer, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_042

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain	Hippocampus	Necrosis, Focal
Heart		Degeneration, Nos
		Fibrosis, Multifocal
Intestine Large	Cecum, Colon	Inflammation, Acute/Chronic
	Cecum, Colon	Ulcer, Nos
Kidney		Nephropathy
Liver		Fibrosis, Cholangio
	Bile Duct	Hyperplasia, Nos
		Hypertrophy, Nos
		Necrosis, Nos
Mammary gland		Cystic Ducts
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Preputial gland		Atrophy, Nos
Prostate		Inflammation, Acute Suppurative
Stomach	Forestomach	Hyperkeratosis
	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Acute/Chronic
	Forestomach	Ulcer, Nos
	Glandular Stomach	Ulcer, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_043

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Bone		Fibrous Osteodystrophy
Heart		Fibrosis, Focal
Intestine Small	Mesentery Nos	Necrosis, Fat
Kidney		Cyst, Multiple
		Nephropathy
Liver		Focal Cellular Change
		Hypertrophy, Nos
		Inflammation, Acute Suppurative
Lymph node	Renal Lymph Node	Angiectasis
	Renal Lymph Node	Cyst, Nos
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Oral mucosa	Palate	Squamous Cell Papilloma
Pancreas		Acinar-Cell Adenoma
Parathyroid gland		Hyperplasia, Nos
Preputial gland		Atrophy, Nos
Skin	Neck	Alopecia
Testis		Interstitial-Cell Tumor
Thyroid		Cystic Follicles
Unspecified	Breast	Neurilemoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_044

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone		Fibrous Osteodystrophy
Heart		Fibrosis
Kidney		Nephropathy
Liver		Angiectasis
		Degeneration, Cystic
		Hypertrophy, Nos
Parathyroid gland		Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Fibrosis, Focal
Stomach	Glandular Stomach	Ulcer, Nos
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_045

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Bone		Fibrous Osteodystrophy
Heart		Degeneration, Nos
		Fibrosis, Focal
Kidney	Cortex	Cyst, Multiple
		Nephropathy
Liver		Focal Cellular Change
		Hypertrophy, Nos
		Necrosis, Focal
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pancreas		Acinar-Cell Adenoma
		Atrophy, Focal
		Necrosis, Focal
Parathyroid gland		Hyperplasia, Nos
Preputial gland		Atrophy, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_046

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Bone		Fibrous Osteodystrophy
Heart		Fibrosis, Multifocal
Kidney		Nephropathy
Liver		Angiectasis
		Hypertrophy, Nos
		Neoplastic Nodule
Lung		Histiocytosis
Mammary gland		Cystic Ducts
		Fibroadenoma
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Preputial gland		Atrophy, Nos
Stomach	Forestomach	Hyperkeratosis
	Forestomach	Hyperplasia, Epithelial
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
		Cystic Follicles

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_047

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis, Multifocal
Kidney		Nephropathy
Liver		Hypertrophy, Nos
Prostate		Adenoma, Nos
Stomach	Glandular Stomach	Cyst, Multiple
	Forestomach	Hyperkeratosis
	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Acute/Chronic
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_048

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Degeneration, Lipoid Pheochromocytoma
Bone		Fibrous Osteodystrophy
Heart		Fibrosis, Multifocal
Kidney	Cortex	Cyst, Multiple Nephropathy
Liver		Angiectasis Focal Cellular Change
	Bile Duct	Hyperplasia, Nos Hypertrophy, Nos
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pancreas		Acinar-Cell Adenoma Hyperplasia, Focal
Parathyroid gland		Hyperplasia, Nos
Preputial gland		Atrophy, Nos
Stomach	Glandular Stomach	Edema, Nos
	Forestomach	Hyperkeratosis
	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Acute/Chronic
	Forestomach	Ulcer, Nos
	Glandular Stomach	Ulcer, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorinated paraffins: C12, 60% chlorine

CAS Number: 108171-26-2

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_049

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow
Kidney
Lymph node
Preputial gland

Lumbar Lymph Node

Spleen

Testis

Hyperplasia, Nos
Nephropathy
Lymphangiectasis
Adenoma, Nos
Cystic Ducts
Hematopoiesis
Sarcoma, Nos
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_050

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 312.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Bone		Fibrous Osteodystrophy
Heart		Fibrosis, Focal
Kidney	Cortex	Cyst, Multiple
		Nephropathy
Liver		Focal Cellular Change
		Hypertrophy, Nos
Lung		Hyperplasia, Alveolar Epithelium
Mammary gland		Adenosis
		Fibroadenoma
Pancreas		Ectopia
Parathyroid gland		Hyperplasia, Nos
Preputial gland		Cystic Ducts
		Hyperplasia, Epithelial
Prostate		Inflammation, Acute Suppurative
Skin	Back	Squamous Cell Carcinoma
Testis		Interstitial-Cell Tumor
Unspecified		Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_001

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Brain		Necrosis, Nos
Heart		Fibrosis, Focal
Kidney		Nephropathy
Liver		Necrosis, Zonal
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Preputial gland		Atrophy, Nos
Spleen		Atrophy, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Mesothelioma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

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

Adrenal gland	Medulla	Hyperplasia, Focal
Eye		Cataract
		Retinopathy
Heart		Fibrosis, Focal
Kidney		Nephropathy
Liver		Cytoplasmic Change, Nos
Lymph node	Mesenteric Lymph Node	Lymphangiectasis
Mammary gland		Cystic Ducts
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Preputial gland		Atrophy, Nos
Prostate		Inflammation, Acute Suppurative
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
Unspecified		Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_003

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Angiectasis
	Medulla	Pheochromocytoma
Eye		Cataract
		Retinopathy
Heart		Fibrosis, Multifocal
Kidney		Nephropathy
Lung		Histiocytosis
		Lymphocytic Inflammatory Infiltrate
Lymph node	Mandibular Lymph Node	Lymphangiectasis
Nasal cavity		Foreign Body, Nos
		Infection, Fungal
		Inflammation, Acute Suppurative
Pancreas		Acinar-Cell Adenoma
Preputial gland		Carcinoma, Nos
		Inflammation, Acute/Chronic
Stomach	Forestomach	Hyperkeratosis
	Forestomach	Hyperplasia, Epithelial
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
		Cyst, Embryonal Duct
		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_004

TRT#: 3
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Eye		Cataract
		Retinopathy
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Mammary gland		Adenosis
		Cystic Ducts
		Fibroadenoma
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pancreas	Islets	Islet-Cell Adenoma
Preputial gland		Atrophy, Nos
Testis		Interstitial-Cell Tumor
Thyroid		Cystic Follicles
		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorinated paraffins: C12, 60% chlorine

CAS Number: 108171-26-2

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_005

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Fibrosis, Focal
Intestine Small	Mesentery Nos	Necrosis, Fat
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Congestion, Nos
Mammary gland		Cystic Ducts
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Preputial gland		Atrophy, Nos
Prostate		Inflammation, Acute Suppurative
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorinated paraffins: C12, 60% chlorine

CAS Number: 108171-26-2

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_006

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Lung

Hemorrhage

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_007

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma, Malignant
Heart		Fibrosis, Focal
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lymph node	Inguinal Lymph Node	Hyperplasia, Nos
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pancreas		Atrophy, Focal
Parathyroid gland		Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Preputial gland		Adenoma, Nos
		Cystic Ducts
		Inflammation, Acute Suppurative
Prostate		Inflammation, Acute Suppurative
Salivary gland		Cyst, Ranular
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_008

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Intestine Small

Kidney

Mammary gland

Testis

Thyroid

Tongue

Cortex Nos

Mesentery Nos

Hyperplasia, Focal

Necrosis, Fat

Nephropathy

Cystic Ducts

Interstitial-Cell Tumor

Hyperplasia, C Cell

Foreign Body, Nos

Hyperkeratosis

Hyperplasia, Epithelial

Inflammation, Granulomatous Focal

Squamous Cell Papilloma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_009

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Eye		Cataract
		Retinopathy
Heart		Fibrosis, Multifocal
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Alveolar/Bronchiolar Adenoma
		Histiocytosis
Mammary gland		Cystic Ducts
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Carcinoma, Nos
		Inflammation, Acute Suppurative
Prostate		Inflammation, Acute/Chronic
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_010

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Necrosis, Focal

Kidney

Nephropathy

Liver

Bile Duct

Hyperplasia, Nos

Lung

Fibrosis, Multifocal

Pancreas

Necrosis, Focal

Spleen

Atrophy, Focal

Fibrosis

Unspecified

Multiple Organs Nos

Necrosis, Focal

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_011

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Eye		Cataract
		Retinopathy
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Preputial gland		Atrophy, Nos
Prostate		Inflammation, Acute Suppurative
Skin	Buttock	Squamous Cell Papilloma
Testis		Interstitial-Cell Tumor
Unspecified	Mediastinum Nos	Mesothelioma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_012

TRT#: 3
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Heart		Fibrosis, Focal
Kidney		Nephropathy
Liver		Necrosis, Zonal
Skin	Groin	Inflammation, Acute Focal
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_013

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Blood vessel	Mesenteric Artery Nos	Inflammation, Fibrinoid
Kidney	Pelvis	Inflammation, Acute Suppurative
		Nephropathy
Lung		Congestion, Nos
		Foreign Material, Nos
Preputial gland		Atrophy, Nos
		Cystic Ducts
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_014

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Eye		Cataract
		Retinopathy
Intestine Small	Mesentery Nos	Necrosis, Fat
Kidney		Nephropathy
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Preputial gland		Atrophy, Nos
Skin	Back	Trichoepithelioma
Stomach	Forestomach	Erosion
	Forestomach	Hyperkeratosis
	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Acute/Chronic
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Mesothelioma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_015

TRT#: 3
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart		Inflammation, Acute Suppurative
	Atrium	Thrombus, Mural
Lymph node	Inguinal Lymph Node	Inflammation, Acute Suppurative
Mammary gland		Cystic Ducts
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Preputial gland		Adenoma, Nos
		Atrophy, Nos
Stomach	Glandular Stomach	Erosion
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorinated paraffins: C12, 60% chlorine

CAS Number: 108171-26-2

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_016

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Pheochromocytoma

Eye

Cataract

Heart

Retinopathy

Kidney

Fibrosis, Multifocal

Liver

Bile Duct

Nephropathy

Nasal cavity

Hyperplasia, Nos

Pancreas

Lymphocytic Inflammatory Infiltrate

Testis

Atrophy, Focal

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_017

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Degeneration, Lipoid Pheochromocytoma
Heart		Fibrosis, Multifocal
Kidney		Hyperplasia, Tubular Cell Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Mammary gland		Cystic Ducts
Pancreas		Acinar-Cell Adenoma Carcinoma, Nos
Parathyroid gland		Hyperplasia, Nos
Pituitary gland	Anterior Pituitary Anterior Pituitary	Adenoma, Nos Angiectasis
Preputial gland		Atrophy, Nos
Prostate		Inflammation, Acute Suppurative
Stomach	Glandular Stomach Forestomach Forestomach Forestomach Glandular Stomach Forestomach	Edema, Nos Hyperkeratosis Hyperplasia, Epithelial Inflammation, Acute/Chronic Inflammation, Acute/Chronic Ulcer, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_018

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Eye		Cataract
		Retinopathy
Heart		Fibrosis, Multifocal
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Preputial gland		Atrophy, Nos
		Cystic Ducts
Prostate		Inflammation, Acute Suppurative
Skin	Back	Squamous Cell Papilloma
Testis		Interstitial-Cell Tumor
Unspecified	Flank	Fibrosarcoma
	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_019

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Eye		Cataract
		Retinopathy
Heart		Fibrosis, Multifocal
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Malposition, Nos
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pancreas		Hyperplasia, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Prostate		Inflammation, Acute Suppurative
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_020

TRT#: 3
DOSE: 0

SEX: Male
DISP: Dosing Accident

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart		Fibrosis, Focal
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Congestion, Nos
Preputial gland		Foreign Body, Nos
		Foreign Body, Nos
Testis		Hyperplasia, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_021

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Brain		Compression, Nos
Eye		Cataract
		Retinopathy
Heart		Fibrosis, Multifocal
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Mammary gland		Cystic Ducts
Nasal cavity		Infection, Fungal
		Inflammation, Acute Suppurative
		Lymphocytic Inflammatory Infiltrate
Pancreas		Atrophy, Focal
		Hyperplasia, Focal
	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Cyst, Nos
Preputial gland		Atrophy, Nos
Prostate		Inflammation, Acute Suppurative
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorinated paraffins: C12, 60% chlorine

CAS Number: 108171-26-2

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

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

Heart		Fibrosis, Multifocal
Intestine Small	Mesentery Nos	Necrosis, Fat
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Pancreas		Atrophy, Focal
Preputial gland		Atrophy, Nos
Prostate		Inflammation, Chronic
Testis		Inflammation, Acute Suppurative
Thyroid		Interstitial-Cell Tumor
		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

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
Eye		Cataract
		Retinopathy
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Congestion, Nos
Mammary gland		Cystic Ducts
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pancreas		Hyperplasia, Focal
Parathyroid gland		Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Skin	Buttock	Squamous Cell Carcinoma
Testis		Interstitial-Cell Tumor
Thyroid		Angiectasis
		C-Cell Adenoma
Unspecified		Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

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

Adrenal gland	Medulla	Hyperplasia, Focal
Eye		Cataract
		Retinopathy
Harderian gland	Hardarian Gland	Lymphocytic Inflammatory Infiltrate
Heart		Fibrosis, Multifocal
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Mammary gland		Cystic Ducts
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pancreas		Acinar-Cell Adenoma
		Hyperplasia, Focal
Preputial gland		Atrophy, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_025

TRT#: 3
DOSE: 0

SEX: Male
DISP: Dosing Accident

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart		Periarteritis
Intestine Small	Mesentery Nos	Necrosis, Fat
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Foreign Body, Nos
		Pneumonia, Aspiration
Pancreas		Periarteritis
Testis		Interstitial-Cell Tumor
Thyroid		Cyst, Embryonal Duct

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

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	Cortex Nos	Angiectasis
	Medulla	Pheochromocytoma
	Medulla	Pheochromocytoma, Malignant
Eye	Nasolacrimal Duct	Cataract
		Inflammation, Acute Suppurative
		Retinopathy
Heart		Fibrosis, Multifocal
Intestine Small	Mesentery Nos	Necrosis, Fat
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
	Capsule	Inflammation, Chronic
	Capsule	Pigmentation, Nos
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pancreas		Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Preputial gland		Atrophy, Nos
Skin	Back	Keratoacanthoma
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_027

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Heart		Fibrosis, Multifocal
Intestine Large	Rectum	Parasitism
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Malposition, Nos
Mammary gland	Mammary Duct	Cyst, Multiple
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pancreas		Acinar-Cell Adenoma
		Hyperplasia, Focal
Preputial gland		Atrophy, Nos
Prostate		Inflammation, Acute Suppurative
Testis		Interstitial-Cell Tumor
Unspecified		Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_028

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Eye		Retinopathy
Heart		Fibrosis, Multifocal
Kidney		Nephropathy
Liver		Fibrosis, Cholangio
	Bile Duct	Hyperplasia, Nos
Nasal cavity		Infection, Fungal
		Inflammation, Acute Suppurative
		Lymphocytic Inflammatory Infiltrate
Pancreas		Atrophy, Focal
Parathyroid gland		Hyperplasia, Nos
Spleen		Fibrosis, Focal
Testis		Interstitial-Cell Tumor
Unspecified		Fibroma
	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

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

Brain		Astrocytoma
Eye	Nasolacrimal Duct	Cyst, Nos
Heart		Fibrosis, Multifocal
Intestine Small	Mesentery Nos	Necrosis, Fat
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
		Cyst, Embryonal Duct
		Cystic Follicles

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_030

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis, Multifocal
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Hyperplasia, Alveolar Epithelium
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pancreas		Acinar-Cell Adenoma
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_031

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Kidney

Cortex Nos

Hematopoiesis
Inflammation, Acute Suppurative
Nephropathy

Mammary gland
Nasal cavity

Cystic Ducts
Inflammation, Acute Suppurative
Lymphocytic Inflammatory Infiltrate

Preputial gland
Spleen

Atrophy, Nos
Hematopoiesis

Testis
Thyroid

Interstitial-Cell Tumor
C-Cell Adenoma

Unspecified

Leg
Multiple Organs Nos

Follicular-Cell Carcinoma
Sarcoma, Nos
Squamous Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

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	Medulla	Pheochromocytoma
Heart		Fibrosis, Focal
Intestine Large	Colon	Parasitism
Intestine Small	Ileum, Ileum	Fibrosis, Focal
	Ileum, Ileum	Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Nasal cavity		Infection, Fungal
		Inflammation, Acute Suppurative
		Lymphocytic Inflammatory Infiltrate
Preputial gland		Atrophy, Nos
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_033

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Heart		Fibrosis, Multifocal
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Atrophy, Nos
Skin	Nose	Hyperkeratosis
	Nose	Hyperplasia, Epithelial
Spleen		Fibrosis, Focal
Testis		Interstitial-Cell Tumor
Thyroid		Follicular-Cell Adenoma
Tooth	Gum Nos	Squamous Cell Papilloma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_034

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Fibrosis, Focal
Intestine Small	Mesentery Nos	Necrosis, Fat
Kidney		Nephropathy
Mammary gland		Cystic Ducts
Stomach	Forestomach	Hyperkeratosis
	Forestomach	Hyperplasia, Epithelial
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_035

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Heart		Fibrosis, Focal
Intestine Small	Ileum, Ileum	Sarcoma, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Necrosis, Focal
Lung		Hyperplasia, Alveolar Epithelium
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Preputial gland		Atrophy, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Foot Nos	Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_036

TRT#: 3

DOSE: 0

SEX: Male

DISP: Natural Death

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart		Fibrosis, Focal
Kidney		Nephropathy
Lung		Bronchopneumonia, Acute
		Congestion, Nos
		Hemorrhage
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_037

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Heart		Fibrosis, Multifocal
Intestine Small	Mesentery Nos	Mesothelioma, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Mammary gland		Cyst, Nos
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Cyst, Nos
Skin	Lip Nos	Squamous Cell Papilloma
Stomach	Forestomach	Inflammation, Acute/Chronic
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_038

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Harderian gland

Harderian Gland

Lymphocytic Inflammatory Infiltrate

Kidney

Nephropathy

Liver

Bile Duct

Hyperplasia, Nos

Nasal cavity

Lymphocytic Inflammatory Infiltrate

Pancreas

Acinar-Cell Adenoma

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Preputial gland

Carcinoma, Nos

Prostate

Inflammation, Acute Suppurative

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorinated paraffins: C12, 60% chlorine

CAS Number: 108171-26-2

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_039

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis, Multifocal
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Nasal cavity		Lymphocytic Inflammatory Infiltrate
Pancreas		Acinar-Cell Adenoma
Preputial gland		Adenoma, Nos
		Inflammation, Acute Suppurative
Skin		Keratoacanthoma
Spleen		Fibrosis, Focal
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

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	Medulla	Hyperplasia, Focal
Harderian gland	Hardarian Gland	Lymphocytic Inflammatory Infiltrate
Heart		Fibrosis, Multifocal
Kidney		Nephropathy
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Preputial gland		Adenoma, Nos
		Cystic Ducts
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_041

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Focal

Heart

Medulla

Pheochromocytoma

Kidney

Fibrosis, Focal

Lymph node

Thrombus, Mural

Parathyroid gland

Mediastinal Lymph Node

Nephropathy

Skin

Back

Congestion, Nos

Spleen

Hyperplasia, Nos

Testis

Trichoepithelioma

Thyroid

Hematopoiesis

Interstitial-Cell Tumor

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_042

TRT#: 3
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart		Fibrosis, Multifocal
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Pancreas		Acinar-Cell Adenoma
		Hyperplasia, Focal
Preputial gland		Carcinoma, Nos
		Cystic Ducts
		Inflammation, Acute Suppurative
Spleen		Hematopoiesis
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_043

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Heart		Fibrosis, Multifocal
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Mammary gland		Cystic Ducts
Pancreas		Hyperplasia, Focal
Parathyroid gland		Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Skin	Flank	Keratoacanthoma
Testis		Interstitial-Cell Tumor
Thyroid		Follicular-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

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, Nos
	Medulla	Pheochromocytoma
Heart		Fibrosis, Multifocal
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Mammary gland		Cystic Ducts
Nasal cavity		Infection, Fungal
		Inflammation, Acute Suppurative
		Lymphocytic Inflammatory Infiltrate
Parathyroid gland		Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Prostate		Inflammation, Acute Suppurative
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_045

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Dosing Accident

HISTO:

OBSERVATIONS

Intestine Small

Mesentery Nos

Necrosis, Fat

Kidney

Nephropathy

Lung

Congestion, Nos

Foreign Body, Nos

Parathyroid gland

Hyperplasia, Nos

Prostate

Inflammation, Acute/Chronic

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_046

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Angiectasis
	Medulla	Pheochromocytoma
Heart		Fibrosis, Multifocal
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Hyperplasia, Alveolar Epithelium
Mammary gland		Cystic Ducts
		Fibroadenoma
Pancreas		Acinar-Cell Adenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Preputial gland		Inflammation, Acute Suppurative
Prostate		Inflammation, Chronic
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_047

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Eye	Nasolacrimal Duct	Inflammation, Acute Suppurative
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Hyperplasia, Alveolar Epithelium
Nasal cavity		Inflammation, Acute Suppurative
Pancreas		Acinar-Cell Adenoma
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_048

TRT#: 3
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart		Fibrosis, Focal
Kidney		Nephropathy
Preputial gland		Inflammation, Suppurative
Stomach	Forestomach	Hyperkeratosis
	Forestomach	Hyperplasia, Epithelial
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorinated paraffins: C12, 60% chlorine

CAS Number: 108171-26-2

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_049

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis, Multifocal
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Osteosarcoma, Metastatic
Mammary gland		Cystic Ducts
Nasal cavity		Infection, Fungal
		Inflammation, Acute Suppurative
		Lymphocytic Inflammatory Infiltrate
Pancreas		Acinar-Cell Adenoma
Preputial gland		Carcinoma, Nos
		Inflammation, Acute Suppurative
Prostate		Inflammation, Acute Suppurative
Spleen		Hematopoiesis
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
Unspecified	Shoulder	Osteosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C53587

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014

Time Report Requested: 09:49:10

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_050

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Dosing Accident

HISTO:

OBSERVATIONS

Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Congestion, Nos
		Foreign Body, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Prostate		Inflammation, Acute Suppurative
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****