

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

**C Number:** C06428A

**Cage Range:** All

**Date Range:** All

**Reasons For Removal:** All

**Removal Date Range:** All

**Treatment Groups:** All

**Study Gender:** Male

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

**ANIMAL ID:** 1\_001

**TRT#:** 1  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

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

**OBSERVATIONS**

Adrenal gland		Pheochromocytoma
Bone	Intervertebral Disc Nos	Rupture
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
		Inflammation, Acute Focal
		Necrosis, Focal
Lung		Sebaceous Adenocarcinoma, Metastatic
Mammary gland		Cystic Ducts
Skin		Sebaceous Adenocarcinoma
Spinal cord		Malacia
Testis		Interstitial-Cell Tumor

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

**ANIMAL ID:** 1\_003

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Bile Duct

Mammary gland

Pituitary gland

Testis

Thymus

Thyroid

Unspecified

Multiple Organs Nos

Pheochromocytoma

Inflammation, Chronic

Nephropathy

Cytoplasmic Change, Basophilic

Hyperplasia, Nos

Cystic Ducts

Adenoma, Nos

Interstitial-Cell Tumor

Hyperplasia, Epithelial

Hyperplasia, C Cell

Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

**ANIMAL ID:** 1\_005

**TRT#:** 1

**DOSE:** 0

**SEX:** Male

**DISP:** Scheduled Sacrifice

**DAY ON TEST:**

**HISTO:**

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Pituitary gland		Adenoma, Nos
Preputial gland		Inflammation, Chronic
		Papillomatosis
Prostate		Hyperplasia, Focal
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

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**ANIMAL ID:** 1\_007

**TRT#:** 1

**DOSE:** 0

**SEX:** Male

**DISP:** Scheduled Sacrifice

**DAY ON TEST:**

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Medulla

Hyperplasia, Nos

Heart

Inflammation, Chronic

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Bile Duct

Hyperplasia, Nos

Pancreas

Islets

Islet-Cell Adenoma

Pituitary gland

Cyst, Nos

Testis

Interstitial-Cell Tumor

Thymus

Hyperplasia, Epithelial

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

**ANIMAL ID:** 1\_009

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Medulla

Hyperplasia, Nos

Heart

Cortex Nos

Metamorphosis, Fatty

Kidney

Inflammation, Chronic

Liver

Nephropathy

Angiectasis

Cytoplasmic Change, Basophilic

Mammary gland

Bile Duct

Hyperplasia, Nos

Pancreas

Cystic Ducts

Parathyroid gland

Islets

Islet-Cell Carcinoma

Preputial gland

Hyperplasia, Nos

Adenoma, Nos

Spleen

Inflammation, Chronic

Testis

Infarct, Nos

Unspecified

Multiple Organs Nos

Interstitial-Cell Tumor

Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

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**ANIMAL ID:** 1\_011

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Heart

Inflammation, Chronic

Liver

Bile Duct

Hyperplasia, Nos

Parathyroid gland

Hyperplasia, Nos

Testis

Infarct, Nos

Unspecified

Multiple Organs Nos

Interstitial-Cell Tumor

Mineralization

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: C06428A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mirex

CAS Number: 2385-85-5

Date Report Requested: 10/26/2014

Time Report Requested: 16:39:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1\_013

TRT#: 1  
DOSE: 0

SEX: Male  
DISP: Scheduled Sacrifice

DAY ON TEST:  
HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Pancreas	Acinus	Atrophy, Nos
	Islets	Hyperplasia, Focal
Parathyroid gland		Hyperplasia, Nos
Pituitary gland		Adenoma, Nos
Skin		Squamous Cell Papilloma
Spleen	Capsule	Fibrosis, Focal
Testis		Interstitial-Cell Tumor
Thymus		Cyst, Nos
Thyroid		C-Cell Adenoma
		Cystic Follicles
		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

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**ANIMAL ID:** 1\_015

**TRT#:** 1

**DOSE:** 0

**SEX:** Male

**DISP:** Scheduled Sacrifice

**DAY ON TEST:**

**HISTO:**

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**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic Hyperplasia, Nos
	Bile Duct	Alveolar/Bronchiolar Carcinoma
Lung		Hyperplasia, Focal
Pituitary gland		Interstitial-Cell Tumor
Testis		

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

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**ANIMAL ID:** 1\_017

**TRT#:** 1

**DOSE:** 0

**SEX:** Male

**DISP:** Moribund Sacrifice

**DAY ON TEST:**

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Pancreas

Testis

Bile Duct

Islets

Pheochromocytoma

Inflammation, Chronic

Nephropathy

Angiectasis

Cytoplasmic Change, Basophilic

Hyperplasia, Nos

Islet-Cell Adenoma

Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

**ANIMAL ID:** 1\_019

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Heart		Inflammation, Chronic
Intestine Small	Mesentery Nos	Inflammation, Granulomatous
	Mesentery Nos	Necrosis, Fat
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Hepatocellular Carcinoma
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
		Necrosis, Focal
Lung		Hyperplasia, Alveolar Epithelium
Pancreas	Acinus	Atrophy, Nos
	Islets	Islet-Cell Adenoma
Pituitary gland		Adenoma, Nos
Testis		Interstitial-Cell Tumor
	Tunica Vaginalis	Mesothelioma, Nos
Thymus		Hyperplasia, Epithelial
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

**ANIMAL ID:** 1\_021

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney	Papilla	Necrosis, Nos Nephropathy
Liver	Bile Duct	Cytoplasmic Change, Basophilic Hyperplasia, Nos Metamorphosis, Fatty
Lung		Metaplasia, Cartilaginous
Pancreas	Islets	Islet-Cell Carcinoma
Pituitary gland		Adenoma, Nos
Prostate		Hyperplasia, Nos Inflammation, Chronic
Stomach	Mucosa	Ulcer, Nos
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

**ANIMAL ID:** 1\_023

**TRT#:** 1

**DOSE:** 0

**SEX:** Male

**DISP:** Scheduled Sacrifice

**DAY ON TEST:**

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Centrilobular

Bile Duct

Mammary gland

Pancreas

Parathyroid gland

Pituitary gland

Testis

Thymus

Islets

Pheochromocytoma

Inflammation, Chronic

Nephropathy

Angiectasis

Atrophy, Nos

Cytoplasmic Change, Basophilic

Hyperplasia, Nos

Necrosis, Focal

Cystic Ducts

Hyperplasia, Nos

Hyperplasia, Nos

Cyst, Nos

Interstitial-Cell Tumor

Hyperplasia, Epithelial

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

**ANIMAL ID:** 1\_025

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Necrosis, Focal

Heart

Inflammation, Chronic

Kidney

Nephropathy

Liver

Angiectasis

Cytoplasmic Change, Basophilic

Bile Duct

Hyperplasia, Nos

Metamorphosis, Fatty

Neoplastic Nodule

Testis

Interstitial-Cell Tumor

Thymus

Hyperplasia, Epithelial

Thyroid

Hyperplasia, C Cell

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

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**ANIMAL ID:** 1\_027

**TRT#:** 1

**DOSE:** 0

**SEX:** Male

**DISP:** Natural Death

**DAY ON TEST:**

**HISTO:**

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**OBSERVATIONS**

Blood vessel	Sup. Mesentric Vein	Thrombosis, Nos
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Lymph node	Mesenteric Lymph Node	Necrosis, Focal
Pancreas	Acinus	Atrophy, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

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**ANIMAL ID:** 1\_029

**TRT#:** 1

**DOSE:** 0

**SEX:** Male

**DISP:** Scheduled Sacrifice

**DAY ON TEST:**

**HISTO:**

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**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Pancreas		Acinar-Cell Adenoma
	Acinus	Atrophy, Nos
Prostate		Hyperplasia, Nos
Testis		Interstitial-Cell Tumor
Thymus		Hyperplasia, Epithelial

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

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**ANIMAL ID:** 1\_031

**TRT#:** 1  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

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

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**OBSERVATIONS**

Adrenal gland  
Heart  
Kidney  
Liver

Cortex Nos

Hyperplasia, Nos  
Inflammation, Chronic  
Nephropathy  
Cytoplasmic Change, Basophilic  
Hepatocellular Carcinoma

Bile Duct

Spleen  
Testis  
Unspecified

Hyperplasia, Nos  
Fibrosis, Focal  
Interstitial-Cell Tumor  
Leukemia, Mononuclear Cell

Multiple Organs Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

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**ANIMAL ID:** 1\_033

**TRT#:** 1

**DOSE:** 0

**SEX:** Male

**DISP:** Scheduled Sacrifice

**DAY ON TEST:**

**HISTO:**

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**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic Hepatocellular Carcinoma
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Pancreas	Acinus	Hyperplasia, Nos
	Islets	Hyperplasia, Nos
Testis		Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

**ANIMAL ID:** 1\_035

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Nos
	Cortex Nos	Metamorphosis, Fatty
Blood vessel	Renal Artery Nos	Thrombosis, Nos
Bone	Intervertebral Disc Nos	Rupture
Heart		Inflammation, Chronic
	Left Atrium Nos	Thrombosis, Nos
Kidney		Infarct, Nos
		Nephropathy
Liver	Centrilobular	Degeneration, Nos
	Bile Duct	Hyperplasia, Nos
	Centrilobular	Necrosis, Nos
Pancreas	Islets	Hyperplasia, Nos
Skin		Keratoacanthoma
Stomach	Mucosa	Erosion
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

**ANIMAL ID:** 1\_037

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Mammary gland		Cystic Ducts
Pancreas	Islets	Islet-Cell Carcinoma
Prostate		Hyperplasia, Nos
Spleen	Capsule	Fibrosis, Focal
Testis		Interstitial-Cell Tumor
Thymus		Hyperplasia, Epithelial
Thyroid		Hyperplasia, C Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

**ANIMAL ID:** 1\_039

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Blood vessel  
Heart  
Kidney  
Liver

Cortex Nos  
Aorta Nos

Metamorphosis, Fatty  
Mineralization  
Inflammation, Chronic  
Nephropathy  
Angiectasis  
Atrophy, Nos  
Cytoplasmic Change, Basophilic  
Hyperplasia, Nos  
Hyperplasia, Focal  
Adenoma, Nos  
Pigmentation, Nos  
Hyperplasia, Nos  
Interstitial-Cell Tumor  
Cyst, Nos  
Fibroma

Pancreas  
Pituitary gland

Bile Duct  
Acinus

Prostate  
Testis  
Thymus  
Unspecified

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C06428A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mirex

CAS Number: 2385-85-5

Date Report Requested: 10/26/2014

Time Report Requested: 16:39:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1\_041

TRT#: 1  
DOSE: 0

SEX: Male  
DISP: Scheduled Sacrifice

DAY ON TEST:  
HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Lung		Hyperplasia, Alveolar Epithelium
Mammary gland		Cystic Ducts
Pancreas	Acinus	Atrophy, Nos
	Acinus	Hyperplasia, Focal
	Islets	Hyperplasia, Nos
Pituitary gland		Hyperplasia, Nos
Prostate		Hyperplasia, Focal
Testis		Interstitial-Cell Tumor
Thymus		Hyperplasia, Epithelial
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

**ANIMAL ID:** 1\_043

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Atrophy, Nos
		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Lung		Hyperplasia, Alveolar Epithelium
Pancreas	Islets	Islet-Cell Adenoma
Pituitary gland		Adenoma, Nos
Stomach	Mucosa	Erosion
Testis		Interstitial-Cell Tumor
Unspecified		Fibroma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

---

**ANIMAL ID:** 1\_045

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Mammary gland

Pancreas

Pituitary gland

Prostate

Bile Duct

Acinus

Islets

Pheochromocytoma

Inflammation, Chronic

Nephropathy

Cytoplasmic Change, Basophilic

Hyperplasia, Nos

Fibroadenoma

Atrophy, Nos

Hyperplasia, Nos

Adenoma, Nos

Hyperplasia, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

---

**ANIMAL ID:** 1\_047

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver	Centrilobular	Atrophy, Nos
		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
		Thrombosis, Nos
Pituitary gland		Adenoma, Nos
Prostate		Adenoma, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

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**ANIMAL ID:** 1\_049

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Pancreas	Acinus	Atrophy, Nos
Pituitary gland		Hyperplasia, Nos
Testis		Interstitial-Cell Tumor
	Tunica Vaginalis	Mesothelioma, Nos
Unspecified	Abdominal Cavity	Necrosis, Fat

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

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**ANIMAL ID:** 1\_051

**TRT#:** 1

**DOSE:** 0

**SEX:** Male

**DISP:** Natural Death

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Medulla

Hyperplasia, Nos

Heart

Inflammation, Chronic

Kidney

Nephropathy

Liver

Angiectasis

Cytoplasmic Change, Basophilic

Bile Duct

Hyperplasia, Nos

Lung

Alveolar/Bronchiolar Carcinoma

Pancreas

Acinar-Cell Adenoma

Acinus

Atrophy, Nos

Testis

Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

**ANIMAL ID:** 1\_053

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Heart		Inflammation, Chronic
Intestine Small	Mesentery Nos	Periarteritis
Kidney		Nephropathy
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Pancreas	Acinus	Atrophy, Nos
Skin		Papilloma, Nos
Stomach		Inflammation, Proliferative
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Carcinoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

**ANIMAL ID:** 1\_055

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Nos Pheochromocytoma, Malignant
Heart		Inflammation, Chronic
Kidney		Nephropathy Tubular-Cell Adenoma
Liver	Centrilobular Bile Duct	Atrophy, Nos Hyperplasia, Nos Pheochromocytoma, Metastatic
Mammary gland		Cystic Ducts
Pancreas	Islets	Islet-Cell Carcinoma
Pituitary gland		Adenoma, Nos
Prostate		Adenoma, Nos Hyperplasia, Nos
Thyroid		C-Cell Adenoma Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

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**ANIMAL ID:** 1\_057

**TRT#:** 1

**DOSE:** 0

**SEX:** Male

**DISP:** Scheduled Sacrifice

**DAY ON TEST:**

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Medulla

Hyperplasia, Nos

Kidney

Nephropathy

Liver

Angiectasis

Cytoplasmic Change, Basophilic

Bile Duct

Hyperplasia, Nos

Pancreas

Acinar-Cell Adenoma

Testis

Acinus

Hyperplasia, Nos

Thyroid

Interstitial-Cell Tumor

C-Cell Adenoma

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

**ANIMAL ID:** 1\_059

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Bone	Vertebra	Osteosarcoma
Brain		Astrocytoma
Heart		Inflammation, Chronic
Kidney		Nephropathy
		Tubular-Cell Adenocarcinoma
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
		Hemangioma
	Bile Duct	Hyperplasia, Nos
Lung		Hyperplasia, Alveolar Epithelium
Pancreas	Acinus	Atrophy, Nos
Seminal vesicle		Inflammation, Chronic
Testis		Interstitial-Cell Tumor

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

**ANIMAL ID:** 1\_061

**TRT#:** 1  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

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

**OBSERVATIONS**

Blood vessel	Aorta Nos	Mineralization
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
		Neoplastic Nodule
Lung		Hyperplasia, Alveolar Epithelium
Pancreas	Acinus	Hyperplasia, Nos
Skin		Trichoepithelioma
Testis		Interstitial-Cell Tumor
Thymus		Hyperplasia, Epithelial

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

**ANIMAL ID:** 1\_063

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Hypertrophy, Focal

Heart

Metamorphosis, Fatty

Kidney

Inflammation, Chronic

Liver

Nephropathy

Prostate

Bile Duct

Cytoplasmic Change, Basophilic

Hyperplasia, Nos

Skin

Hyperplasia, Nos

Testis

Inflammation, Chronic

Thymus

Squamous Cell Papilloma

Interstitial-Cell Tumor

Hyperplasia, Epithelial

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

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**ANIMAL ID:** 1\_065

**TRT#:** 1

**DOSE:** 0

**SEX:** Male

**DISP:** Scheduled Sacrifice

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Pituitary gland		Hyperplasia, Focal
Seminal vesicle		Inflammation, Chronic
Testis		Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

**ANIMAL ID:** 1\_067

**TRT#:** 1  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Heart	Mitral Valve Nos	Inflammation, Chronic
		Inflammation, Chronic
Kidney		Nephropathy
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Pancreas	Acinus	Hyperplasia, Focal
	Islets	Hyperplasia, Nos
Parathyroid gland		Adenoma, Nos
Testis		Interstitial-Cell Tumor
Thymus		Hyperplasia, Epithelial
Thyroid		C-Cell Adenoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

**ANIMAL ID:** 1\_069

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland		Pheochromocytoma
Blood vessel	Aorta Nos	Mineralization
Heart	Cardiac Valve	Inflammation, Chronic
		Inflammation, Chronic
Kidney		Nephropathy
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Pancreas	Islets	Islet-Cell Adenoma
Prostate		Hyperplasia, Nos
Skin		Keratoacanthoma
Testis		Interstitial-Cell Tumor

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

**ANIMAL ID:** 1\_071

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Pancreas	Acinus	Hyperplasia, Nos
	Islets	Islet-Cell Adenoma
Spleen		Fibrosis, Focal
Testis		Interstitial-Cell Tumor
Thymus		Hyperplasia, Epithelial
Thyroid		C-Cell Carcinoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

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**ANIMAL ID:** 1\_073

**TRT#:** 1

**DOSE:** 0

**SEX:** Male

**DISP:** Scheduled Sacrifice

**DAY ON TEST:**

**HISTO:**

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**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
		Necrosis, Focal
Pancreas	Islets	Hyperplasia, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

**ANIMAL ID:** 1\_075

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Lung		Hyperplasia, Alveolar Epithelium
Pancreas	Islets	Hyperplasia, Nos
Pituitary gland		Adenoma, Nos
Testis		Interstitial-Cell Tumor
Thymus		Cyst, Nos
Thyroid		C-Cell Carcinoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

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**ANIMAL ID:** 1\_077

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Pituitary gland		Hyperplasia, Nos
Spinal cord		Malacia
Testis		Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

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**ANIMAL ID:** 1\_079

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Liver

Cortex Nos

Hyperplasia, Nos  
Cytoplasmic Change, Basophilic  
Hepatocytomegaly

Pancreas  
Testis  
Unspecified

Bile Duct  
Islets

Hyperplasia, Nos  
Islet-Cell Adenoma  
Interstitial-Cell Tumor  
Fibroma

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

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**ANIMAL ID:** 1\_081

**TRT#:** 1

**DOSE:** 0

**SEX:** Male

**DISP:** Scheduled Sacrifice

**DAY ON TEST:**

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Heart Pheochromocytoma, Malignant

Kidney Inflammation, Chronic

Liver Nephropathy

Cytoplasmic Change, Basophilic

Bile Duct Hyperplasia, Nos

Pancreas Islets Islet-Cell Adenoma

Parathyroid gland Hyperplasia, Nos

Prostate Hyperplasia, Nos

Testis Interstitial-Cell Tumor

Thymus Hyperplasia, Epithelial

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

**ANIMAL ID:** 1\_083

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Nos
Heart		Inflammation, Chronic
Intestine Small	Mesentery Nos	Periarteritis
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
		Neoplastic Nodule
Pancreas	Islets	Islet-Cell Carcinoma
Testis		Interstitial-Cell Tumor
Thymus		Hyperplasia, Epithelial

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C06428A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mirex

CAS Number: 2385-85-5

Date Report Requested: 10/26/2014

Time Report Requested: 16:39:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1\_085

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland  
Heart  
Kidney  
Liver

Angiectasis  
Inflammation, Chronic  
Nephropathy  
Angiectasis  
Atrophy, Nos  
Cytoplasmic Change, Basophilic  
Hepatocytomegaly

Bile Duct

Hyperplasia, Nos  
Inflammation, Granulomatous Focal

Lung  
Pancreas  
Prostate  
Stomach  
Testis  
Thyroid  
Unspecified

Acinus

Atrophy, Nos  
Hyperplasia, Nos  
Diverticulum  
Interstitial-Cell Tumor  
C-Cell Adenoma  
Leukemia, Mononuclear Cell

Multiple Organs Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

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**ANIMAL ID:** 1\_087

**TRT#:** 1

**DOSE:** 0

**SEX:** Male

**DISP:** Scheduled Sacrifice

**DAY ON TEST:**

**HISTO:**

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**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Lung		Hyperplasia, Alveolar Epithelium
Testis		Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

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**ANIMAL ID:** 1\_089

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Pancreas	Islets	Islet-Cell Carcinoma
Prostate		Hyperplasia, Nos
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Acute
Testis		Interstitial-Cell Tumor
Unspecified		Fibroma

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

**ANIMAL ID:** 1\_091

**TRT#:** 1

**DOSE:** 0

**SEX:** Male

**DISP:** Scheduled Sacrifice

**DAY ON TEST:**

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Heart		Inflammation, Chronic
Intestine Large	Rectum	Polyp, Inflammatory
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Pancreas	Islets	Hyperplasia, Nos
Prostate		Inflammation, Chronic
Testis		Interstitial-Cell Tumor

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

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**ANIMAL ID:** 1\_093

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Eye

Heart

Kidney

Liver

Mammary gland

Prostate

Testis

Lacrimal Gland

Bile Duct

Pheochromocytoma

Hemangioma

Inflammation, Chronic

Nephropathy

Cytoplasmic Change, Basophilic

Hyperplasia, Nos

Cystic Ducts

Hyperplasia, Nos

Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

**ANIMAL ID:** 1\_095

**TRT#:** 1  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

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

**OBSERVATIONS**

Adrenal gland		Pheochromocytoma
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver	Centrilobular	Atrophy, Nos
		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
		Regeneration, Nos
Lung		Inflammation, Interstitial
Mammary gland		Cystic Ducts
Pancreas	Acinus	Atrophy, Nos
	Islets	Hyperplasia, Nos
Parathyroid gland		Ectopia
Pituitary gland		Adenoma, Nos
Stomach	Forestomach	Hyperplasia, Epithelial
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

**ANIMAL ID:** 1\_097

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Hyperplasia, Nos

Heart

Medulla

Hyperplasia, Nos

Kidney

Inflammation, Chronic

Liver

Nephropathy

Cytoplasmic Change, Basophilic

Bile Duct

Hyperplasia, Nos

Prostate

Necrosis, Focal

Spleen

Inflammation, Chronic

Testis

Leukemia, Mononuclear Cell

Thymus

Interstitial-Cell Tumor

Hyperplasia, Epithelial

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

**ANIMAL ID:** 1\_099

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Metamorphosis, Fatty

Heart

Inflammation, Chronic

Kidney

Nephropathy

Liver

Angiectasis

Cytoplasmic Change, Basophilic

Bile Duct

Hyperplasia, Nos

Pancreas

Islets

Hyperplasia, Nos

Parathyroid gland

Hyperplasia, Nos

Testis

Interstitial-Cell Tumor

Thyroid

Cystic Follicles

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

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**ANIMAL ID:** 1\_101

**TRT#:** 1

**DOSE:** 0

**SEX:** Male

**DISP:** Scheduled Sacrifice

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Heart		Inflammation, Chronic
Intestine Small	Mesentery Nos	Periarteritis
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Pancreas	Islets	Hyperplasia, Nos
Testis		Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

**ANIMAL ID:** 1\_103

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Nos
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver	Centrilobular	Atrophy, Nos
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Pancreas	Acinus	Necrosis, Focal
Prostate		Atrophy, Nos
Testis		Hyperplasia, Nos
Unspecified	Multiple Organs Nos	Interstitial-Cell Tumor
		Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

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**ANIMAL ID:** 2\_145

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** .1 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Pancreas	Islets	Islet-Cell Carcinoma
Testis		Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

---

**ANIMAL ID:** 2\_147

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** .1 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Heart

Mitral Valve Nos

Kidney

Liver

Left Atrium Nos

Lung

Parathyroid gland

Prostate

Testis

Thyroid

Pheochromocytoma

Inflammation, Chronic

Inflammation, Chronic

Thrombosis, Nos

Nephropathy

Angiectasis

Cytoplasmic Change, Basophilic

Hyperplasia, Nos

Congestion, Chronic Passive

Pneumonia, Chronic Murine

Hyperplasia, Nos

Adenoma, Nos

Interstitial-Cell Tumor

C-Cell Adenoma

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

**ANIMAL ID:** 2\_149

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** .1 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
		Necrosis, Focal
Mammary gland		Cystic Ducts
Spleen		Fibrosis
Testis		Interstitial-Cell Tumor
Thymus		Hyperplasia, Epithelial
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

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**ANIMAL ID:** 2\_151

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** .1 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Pancreas	Islets	Islet-Cell Carcinoma
Parathyroid gland		Hyperplasia, Nos
Testis		Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

**ANIMAL ID:** 2\_153

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** .1 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Pancreas	Acinus	Atrophy, Nos
	Islets	Islet-Cell Carcinoma
Parathyroid gland		Hyperplasia, Nos
Pituitary gland		Adenoma, Nos
Prostate		Adenoma, Nos
Testis		Interstitial-Cell Tumor
Thymus		Hyperplasia, Epithelial

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

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**ANIMAL ID:** 2\_155

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** .1 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Interstitial
Testis		Interstitial-Cell Tumor
Thyroid		Cystic Follicles

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

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**ANIMAL ID:** 2\_157

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** .1 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart		Inflammation, Chronic
Intestine Small	Mesentery Nos	Periarteritis
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Pancreas	Acinus	Atrophy, Nos
	Islets	Islet-Cell Carcinoma
Pituitary gland		Adenoma, Nos
Testis		Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

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**ANIMAL ID:** 2\_159

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** .1 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart		Inflammation, Chronic
Intestine Small	Mesentery Nos	Periarteritis
Kidney		Nephropathy
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Pancreas	Acinus	Atrophy, Nos
Testis		Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

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**ANIMAL ID:** 2\_161

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** .1 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Prostate		Adenoma, Nos
Stomach	Mucosa	Hyperplasia, Focal
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Abdominal Cavity	Steatitis

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

---

**ANIMAL ID:** 2\_163

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** .1 PPM

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Epididymis

Inflammation, Chronic

Heart

Inflammation, Chronic

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Bile Duct

Hyperplasia, Nos

Mammary gland

Cystic Ducts

Testis

Interstitial-Cell Tumor

Unspecified

Fibroma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

**ANIMAL ID:** 2\_165

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** .1 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Metamorphosis, Fatty Pheochromocytoma
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver	Centrilobular	Angiectasis Atrophy, Nos Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos Neoplastic Nodule
Mammary gland		Cystic Ducts
Pituitary gland		Adenoma, Nos
Testis		Interstitial-Cell Tumor
Thyroid		Follicular-Cell Carcinoma
Unspecified	Multiple Organs Nos	Hyperplasia, C Cell Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

**ANIMAL ID:** 2\_167

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** .1 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Angiectasis
	Bile Duct	Cytoplasmic Change, Basophilic
		Hyperplasia, Nos
Pancreas	Acinus	Metamorphosis, Fatty
	Islets	Atrophy, Nos
Pituitary gland		Hyperplasia, Nos
Prostate		Adenoma, Nos
		Adenoma, Nos
Testis		Inflammation, Chronic
Thyroid		Interstitial-Cell Tumor
		C-Cell Adenoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

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**ANIMAL ID:** 2\_169

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** .1 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Pituitary gland		Adenoma, Nos
Spleen		Fibrosis
Testis		Interstitial-Cell Tumor
Thymus		Hyperplasia, Epithelial

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

---

**ANIMAL ID:** 2\_171

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** .1 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Metamorphosis, Fatty

Pheochromocytoma

Heart

Inflammation, Chronic

Mitral Valve Nos

Thrombosis, Nos

Kidney

Nephropathy

Liver

Bile Duct

Hyperplasia, Nos

Metamorphosis, Fatty

Parathyroid gland

Hyperplasia, Nos

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Lymphoma, Nos-Malignant

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

**ANIMAL ID:** 2\_173

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** .1 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Blood vessel

Heart

Kidney

Liver

Mesenteric Artery Nos

Left Atrium Nos

Bile Duct

Pheochromocytoma

Hemangiosarcoma, Invasive

Inflammation, Chronic

Thrombosis, Nos

Nephropathy

Angiectasis

Cytoplasmic Change, Basophilic

Hyperplasia, Nos

Necrosis, Focal

Cystic Ducts

Hemangiosarcoma

Interstitial-Cell Tumor

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

**ANIMAL ID:** 2\_175

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** .1 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Nos
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Fibrosis
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
Mammary gland		Galactocele
Pituitary gland		Adenoma, Nos
Spleen		Fibrosis
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Chronic
Testis		Interstitial-Cell Tumor
Unspecified		Fibroma
	Abdominal Cavity	Necrosis, Fat

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

**ANIMAL ID:** 2\_177

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** .1 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Bile Duct

Mammary gland

Pancreas

Prostate

Stomach

Testis

Unspecified

Islets

Forestomach

Multiple Organs Nos

Pheochromocytoma

Inflammation, Chronic

Nephropathy

Hepatocytomegaly

Hyperplasia, Nos

Metamorphosis, Fatty

Necrosis, Focal

Cystic Ducts

Islet-Cell Carcinoma

Inflammation, Chronic

Hyperplasia, Epithelial

Interstitial-Cell Tumor

Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

**ANIMAL ID:** 2\_179

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** .1 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Bile Duct

Pancreas

Duct Nos

Islets

Pituitary gland

Prostate

Stomach

Mucosa

Testis

Thyroid

Cortical Carcinoma

Inflammation, Chronic

Nephropathy

Cytoplasmic Change, Basophilic

Hyperplasia, Nos

Metamorphosis, Fatty

Hyperplasia, Nos

Islet-Cell Carcinoma

Hyperplasia, Nos

Adenoma, Nos

Hyperplasia, Epithelial

Interstitial-Cell Tumor

C-Cell Adenoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

---

**ANIMAL ID:** 2\_181

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** .1 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Pancreas	Islets	Islet-Cell Carcinoma
Testis		Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

---

**ANIMAL ID:** 2\_183

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** .1 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart		Inflammation, Chronic
Intestine Small	Ileum, Ileum	Leiomyosarcoma
Kidney		Nephropathy
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Pancreas	Islets	Islet-Cell Adenoma
Prostate		Hyperplasia, Nos
Testis		Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

**ANIMAL ID:** 2\_185

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** .1 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver	Centrilobular	Atrophy, Nos Cytoplasmic Change, Basophilic Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Testis		Interstitial-Cell Tumor
Thymus		Hyperplasia, Epithelial
Thyroid		C-Cell Adenoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

---

**ANIMAL ID:** 2\_187

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** .1 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Pituitary gland		Hyperplasia, Nos
Testis		Interstitial-Cell Tumor
Thymus		Hyperplasia, Epithelial

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

**ANIMAL ID:** 2\_189

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** .1 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Nos
Heart		Inflammation, Chronic
	Left Atrium Nos	Thrombosis, Nos
Kidney		Nephropathy
Liver		Angiectasis
	Centrilobular	Degeneration, Nos
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
		Necrosis, Focal
Mammary gland		Cystic Ducts
Pancreas	Islets	Islet-Cell Carcinoma
Spleen		Fibrosis
Stomach	Forestomach	Ulcer, Nos
Testis		Interstitial-Cell Tumor

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

**ANIMAL ID:** 2\_191

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** .1 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Heart		Inflammation, Chronic
Intestine Small	Duodenum	Erosion
Kidney		Nephropathy
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Parathyroid gland		Hyperplasia, Nos
Pituitary gland		Cyst, Nos
Prostate		Hyperplasia, Nos
		Inflammation, Active Chronic
Skin		Basal-Cell Carcinoma
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

**ANIMAL ID:** 2\_193

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** .1 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Pancreas	Islets	Hyperplasia, Nos
Parathyroid gland		Hyperplasia, Nos
Prostate		Hyperplasia, Nos
Testis		Interstitial-Cell Tumor
Thymus		Hyperplasia, Epithelial
Thyroid		C-Cell Carcinoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

**ANIMAL ID:** 2\_195

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** .1 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Heart		Inflammation, Chronic
Kidney	Pelvis	Hyperplasia, Epithelial
		Nephropathy
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
		Neoplastic Nodule
Pancreas	Acinus	Atrophy, Nos
Parathyroid gland		Hyperplasia, Nos
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Carcinoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

**ANIMAL ID:** 2\_197

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** .1 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Heart		Inflammation, Chronic
	Left Atrium Nos	Thrombosis, Nos
Kidney		Nephropathy
Liver	Centrilobular	Degeneration, Nos
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
		Necrosis, Nos
Mammary gland		Cystic Ducts
Pancreas	Islets	Islet-Cell Carcinoma
Pituitary gland		Adenoma, Nos
Stomach	Mucosa	Ulcer, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

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**ANIMAL ID:** 2\_199

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** .1 PPM

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Liver

Bile Duct

Hyperplasia, Nos

Necrosis, Nos

Spleen

Hemosiderosis

Stomach

Mucosa

Ulcer, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

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**ANIMAL ID:** 2\_201

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** .1 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Pancreas	Acinus	Atrophy, Nos
Prostate		Hyperplasia, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Abdominal Cavity	Sarcoma, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

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**ANIMAL ID:** 2\_203

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** .1 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Pancreas	Islets	Islet-Cell Carcinoma
Pituitary gland		Adenoma, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

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**ANIMAL ID:** 2\_205

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** .1 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart		Inflammation, Chronic
Intestine Small	Mesentery Nos	Periarteritis
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Mammary gland		Fibroadenoma
Pancreas	Islets	Hyperplasia, Nos
Parathyroid gland		Hyperplasia, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Mineralization

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

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**ANIMAL ID:** 2\_207

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** .1 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Pancreas	Islets	Hyperplasia, Nos
Parathyroid gland		Hyperplasia, Nos
Prostate		Hyperplasia, Nos
		Inflammation, Granulomatous
Testis		Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: C06428A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mirex

CAS Number: 2385-85-5

Date Report Requested: 10/26/2014

Time Report Requested: 16:39:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2\_209

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: .1 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
Brain		Necrosis, Hemorrhagic
Heart		Inflammation, Chronic
Kidney	Pelvis	Hyperplasia, Epithelial
		Infarct, Nos
		Nephropathy
Liver		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
		Necrosis, Focal
Pituitary gland		Hyperplasia, Focal
Spinal cord		Necrosis, Hemorrhagic
Stomach	Mucosa	Ulcer, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Urinary bladder		Ulcer, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

**ANIMAL ID:** 2\_211

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** .1 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
		Neoplastic Nodule
Mammary gland		Galactoceles
Pancreas	Acinus	Atrophy, Nos
	Acinus	Hyperplasia, Nos
	Islets	Islet-Cell Adenoma
Prostate		Hyperplasia, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

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**ANIMAL ID:** 2\_213

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** .1 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
		Necrosis, Focal
Testis		Interstitial-Cell Tumor
Thymus		Hyperplasia, Epithelial

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

**ANIMAL ID:** 2\_215

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** .1 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
		Neoplastic Nodule
Pancreas	Islets	Islet-Cell Adenoma
Pituitary gland		Adenoma, Nos
Spleen		Fibrosis, Focal
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
	Abdominal Cavity	Necrosis, Fat

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

**ANIMAL ID:** 2\_217

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** .1 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver	Centrilobular	Atrophy, Nos Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Mammary gland		Cystic Ducts
Pancreas	Islets	Islet-Cell Carcinoma
Parathyroid gland		Hyperplasia, Nos
Pituitary gland		Angiectasis
Prostate		Adenoma, Nos
Testis		Interstitial-Cell Tumor

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

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**ANIMAL ID:** 2\_219

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** .1 PPM

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Brain

Heart

Kidney

Liver

Centrilobular

Testis

Unspecified

Multiple Organs Nos

Cortical Adenoma

Necrosis, Hemorrhagic

Inflammation, Chronic

Nephropathy

Angiectasis

Atrophy, Nos

Neoplastic Nodule

Interstitial-Cell Tumor

Leukemia, Mononuclear Cell

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

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**ANIMAL ID:** 2\_221

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** .1 PPM

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Heart		Inflammation, Chronic
	Left Atrium Nos	Thrombosis, Nos
Kidney		Nephropathy
Liver	Centrilobular	Degeneration, Nos
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Testis		Necrosis, Focal
Unspecified	Multiple Organs Nos	Interstitial-Cell Tumor
		Leukemia, Mononuclear Cell

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

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**ANIMAL ID:** 2\_223

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** .1 PPM

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Parathyroid gland		Hyperplasia, Nos
Pituitary gland		Hyperplasia, Nos
Testis		Interstitial-Cell Tumor
Unspecified		Fibroma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

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**ANIMAL ID:** 2\_225

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** .1 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Bone	Vertebra	Exostosis
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
Pancreas	Bile Duct	Hyperplasia, Nos
Testis	Islets	Hyperplasia, Nos
Thymus		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Hyperplasia, Epithelial
		Leukemia, Mononuclear Cell

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

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**ANIMAL ID:** 2\_227

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** .1 PPM

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Degeneration, Nos
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
Mammary gland		Galactoceles
Parathyroid gland		Hyperplasia, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
	Abdominal Cavity	Necrosis, Fat

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

---

**ANIMAL ID:** 2\_229

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** .1 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Pancreas	Islets	Islet-Cell Carcinoma
Testis		Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

---

**ANIMAL ID:** 2\_231

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** .1 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos Necrosis, Focal
Pancreas	Islets	Islet-Cell Carcinoma
Pituitary gland		Hypertrophy, Focal
Prostate		Hyperplasia, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

---

**ANIMAL ID:** 2\_233

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** .1 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Pancreas

Testis

Bile Duct

Islets

Tunica Vaginalis

Pheochromocytoma

Inflammation, Chronic

Nephropathy

Angiectasis

Cytoplasmic Change, Basophilic

Hyperplasia, Nos

Hyperplasia, Nos

Interstitial-Cell Tumor

Mesothelioma, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

**ANIMAL ID:** 2\_235

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** .1 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Pituitary gland

Testis

Thymus

Bile Duct

Cortical Adenoma

Inflammation, Chronic

Liposarcoma

Nephropathy

Cytoplasmic Change, Basophilic

Hyperplasia, Nos

Adenoma, Nos

Interstitial-Cell Tumor

Hyperplasia, Epithelial

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

**ANIMAL ID:** 2\_237

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** .1 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Heart		Inflammation, Chronic
Kidney		Hemangiosarcoma
		Nephropathy
Liver	Centrilobular	Atrophy, Nos
		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Pancreas	Islets	Hyperplasia, Nos
Prostate		Hyperplasia, Nos
Testis		Interstitial-Cell Tumor
Thymus		Hyperplasia, Epithelial
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

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**ANIMAL ID:** 2\_239

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** .1 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart		Inflammation, Chronic
	Left Atrium Nos	Thrombosis, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
		Pigmentation, Nos
Prostate		Hyperplasia, Nos
Spleen		Necrosis, Nos
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

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**ANIMAL ID:** 2\_241

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** .1 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Pancreas

Pituitary gland

Prostate

Testis

Unspecified

Bile Duct

Islets

Ganglioneuroma

Inflammation, Chronic

Nephropathy

Cytoplasmic Change, Basophilic

Hyperplasia, Nos

Islet-Cell Carcinoma

Adenoma, Nos

Hyperplasia, Nos

Interstitial-Cell Tumor

Fibroma

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

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**ANIMAL ID:** 2\_243

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** .1 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Blood vessel	Aorta Nos	Mineralization
Heart		Inflammation, Chronic
Intestine Small	Mesentery Nos	Periarteritis
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Pancreas	Islets	Islet-Cell Carcinoma
Testis		Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: C06428A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mirex

CAS Number: 2385-85-5

Date Report Requested: 10/26/2014

Time Report Requested: 16:39:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2\_245

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: .1 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Epididymis

Heart

Liver

Left Atrium Nos

Bile Duct

Mammary gland

Parathyroid gland

Stomach

Testis

Mucosa

Pheochromocytoma

Mesothelioma, Nos

Inflammation, Chronic

Thrombosis, Nos

Hepatocytomegaly

Hyperplasia, Nos

Metamorphosis, Fatty

Necrosis, Focal

Cystic Ducts

Adenoma, Nos

Erosion

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

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**ANIMAL ID:** 2\_247

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** .1 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Nos
Brain		Necrosis, Hemorrhagic
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Angiectasis
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
Pancreas	Acinus	Hyperplasia, Nos
Spinal cord		Necrosis, Hemorrhagic
Stomach	Mucosa	Erosion
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
	Abdominal Cavity	Steatitis
Zymbal gland		Sebaceous Adenoma

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

---

**ANIMAL ID:** 3\_249

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Pancreas	Acinus	Atrophy, Nos
Spleen		Hematopoiesis
Testis		Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

---

**ANIMAL ID:** 3\_251

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart

Inflammation, Chronic

Liver

Centrilobular

Degeneration, Nos

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

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**ANIMAL ID:** 3\_253

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos Hypertrophy, Focal Neoplastic Nodule
Pancreas	Islets	Islet-Cell Carcinoma
Parathyroid gland		Hyperplasia, Nos
Prostate		Inflammation, Chronic
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

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**ANIMAL ID:** 3\_255

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Medulla

Hyperplasia, Nos

Heart

Inflammation, Chronic

Liver

Cytoplasmic Change, Basophilic

Bile Duct

Hyperplasia, Nos

Preputial gland

Adenoma, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

**ANIMAL ID:** 3\_257

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Adenoma, Nos Pheochromocytoma
Heart		Inflammation, Chronic
	Left Atrium Nos	Thrombosis, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Mammary gland		Inflammation, Granulomatous
Parathyroid gland		Hyperplasia, Nos
Pituitary gland		Adenoma, Nos
Prostate		Inflammation, Chronic
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

**ANIMAL ID:** 3\_259

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Centrilobular	Degeneration, Nos
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
		Necrosis, Focal
Pancreas	Acinus	Atrophy, Nos
	Islets	Islet-Cell Adenoma
Parathyroid gland		Hyperplasia, Nos
Prostate		Hyperplasia, Nos
Testis		Interstitial-Cell Tumor
Thymus		Hyperplasia, Epithelial

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

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**ANIMAL ID:** 3\_261

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Eye		Undifferentiated Carcinoma
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Metamorphosis, Fatty
		Necrosis, Focal
Mammary gland		Fibroadenoma
Pituitary gland		Adenoma, Nos
Spleen		Hematopoiesis
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Undifferentiated Carcinoma, Metastatic

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

**ANIMAL ID:** 3\_263

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Heart		Inflammation, Chronic
	Left Atrium Nos	Thrombosis, Nos
Kidney		Inflammation, Acute Focal
Liver		Cytoplasmic Change, Basophilic
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
	Centrilobular	Necrosis, Nos
Lung		Congestion, Chronic Passive
Mammary gland		Cystic Ducts
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

**ANIMAL ID:** 3\_265

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Cortical Adenoma

Degeneration, Nos

Pheochromocytoma

Heart

Inflammation, Chronic

Kidney

Nephropathy

Liver

Angiectasis

Centrilobular

Atrophy, Nos

Cytoplasmic Change, Basophilic

Metamorphosis, Fatty

Centrilobular

Necrosis, Focal

Lung

Congestion, Chronic Passive

Testis

Interstitial-Cell Tumor

Unspecified

Fibroma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

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**ANIMAL ID:** 3\_267

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
		Neoplastic Nodule
Pancreas	Islets	Hyperplasia, Nos
Prostate		Inflammation, Chronic
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

---

**ANIMAL ID:** 3\_269

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart		Inflammation, Acute/Chronic
		Inflammation, Chronic
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Pancreas	Islets	Islet-Cell Adenoma
Prostate		Hyperplasia, Nos
Testis		Interstitial-Cell Tumor
Thymus		Hyperplasia, Epithelial

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

---

**ANIMAL ID:** 3\_271

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Bone	Femur	Fibrosarcoma
Heart		Inflammation, Chronic
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Testis		Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

**ANIMAL ID:** 3\_273

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland		Pheochromocytoma
Brain		Hydrocephalus, Nos
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Metamorphosis, Fatty
Pancreas	Islets	Islet-Cell Adenoma
Pituitary gland		Adenoma, Nos
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Ulcer, Nos
	Mucosa	Ulcer, Nos
Testis		Atrophy, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

---

**ANIMAL ID:** 3\_275

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Testis		Interstitial-Cell Tumor
Thymus		Hyperplasia, Epithelial
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

**ANIMAL ID:** 3\_277

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Bile Duct

Pancreas

Islets

Parathyroid gland

Prostate

Testis

Pheochromocytoma

Inflammation, Chronic

Nephropathy

Angiectasis

Cytoplasmic Change, Basophilic

Hyperplasia, Nos

Neoplastic Nodule

Hyperplasia, Nos

Hyperplasia, Nos

Adenoma, Nos

Interstitial-Cell Tumor

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

---

**ANIMAL ID:** 3\_279

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic Hyperplasia, Nos
	Bile Duct	Alveolar/Bronchiolar Carcinoma
Lung		Hyperplasia, Nos
Pancreas	Islets	Interstitial-Cell Tumor
Testis		

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

---

**ANIMAL ID:** 3\_281

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Pancreas	Islets	Islet-Cell Adenoma
Pituitary gland		Adenoma, Nos
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Carcinoma

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

---

**ANIMAL ID:** 3\_283

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver	Centrilobular	Degeneration, Nos
	Bile Duct	Hyperplasia, Nos
Parathyroid gland		Hyperplasia, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

---

**ANIMAL ID:** 3\_285

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Lung

Pancreas

Testis

Bile Duct

Islets

Pheochromocytoma

Inflammation, Chronic

Nephropathy

Cytoplasmic Change, Basophilic

Hyperplasia, Nos

Hyperplasia, Alveolar Epithelium

Hyperplasia, Nos

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

**ANIMAL ID:** 3\_287

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Bile Duct

Pituitary gland

Prostate

Seminal vesicle

Testis

Pheochromocytoma

Inflammation, Chronic

Nephropathy

Cytoplasmic Change, Basophilic

Hyperplasia, Nos

Adenoma, Nos

Adenoma, Nos

Atrophy, Nos

Interstitial-Cell Tumor

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:35

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

**Lab:** NA

---

**ANIMAL ID:** 3\_289

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Pituitary gland		Hyperplasia, Nos
Prostate		Hyperplasia, 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:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

---

**ANIMAL ID:** 3\_291

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Heart

Inflammation, Chronic

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Pancreas

Bile Duct

Hyperplasia, Nos

Pituitary gland

Islets

Islet-Cell Carcinoma

Prostate

Adenoma, Nos

Testis

Adenoma, Nos

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

---

**ANIMAL ID:** 3\_293

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Prostate		Hyperplasia, Nos
Testis		Interstitial-Cell Tumor
Thymus		Hyperplasia, Epithelial
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

---

**ANIMAL ID:** 3\_295

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney	Pelvis	Hyperplasia, Epithelial Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos Neoplastic Nodule
Pituitary gland		Hyperplasia, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 3\_297

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
		Cytoplasmic Change, Nos
	Bile Duct	Hyperplasia, Nos
Pituitary gland		Adenoma, Nos
Prostate		Hyperplasia, Nos
Testis		Interstitial-Cell Tumor
Unspecified		Fibroma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

---

**ANIMAL ID:** 3\_299

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Heart

Liver

Pancreas

Testis

Unspecified

Left Atrium Nos

Bile Duct

Islets

Abdominal Cavity

Abdominal Cavity

Pheochromocytoma

Inflammation, Chronic

Thrombosis, Nos

Angiectasis

Hyperplasia, Nos

Metamorphosis, Fatty

Necrosis, Focal

Islet-Cell Adenoma

Interstitial-Cell Tumor

Necrosis, Fat

Steatitis

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 3\_301

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Pancreas

Prostate

Testis

Thymus

Unspecified

Left Atrium Nos

Bile Duct

Acinus

Multiple Organs Nos

Pheochromocytoma

Inflammation, Chronic

Thrombosis, Nos

Nephropathy

Angiectasis

Cytoplasmic Change, Basophilic

Hyperplasia, Nos

Atrophy, Nos

Hyperplasia, Nos

Interstitial-Cell Tumor

Cyst, Nos

Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

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**ANIMAL ID:** 3\_303

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Parathyroid gland		Hyperplasia, Nos
Testis		Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 3\_305

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Bile Duct

Pancreas

Islets

Parathyroid gland

Pituitary gland

Preputial gland

Testis

Unspecified

Multiple Organs Nos

Cortical Adenoma

Inflammation, Chronic

Nephropathy

Cytoplasmic Change, Basophilic

Cytoplasmic Change, Eosinophilic

Hyperplasia, Nos

Necrosis, Focal

Islet-Cell Carcinoma

Hyperplasia, Nos

Adenoma, Nos

Carcinoma, Nos

Interstitial-Cell Tumor

Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

---

**ANIMAL ID:** 3\_307

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Pheochromocytoma

Inflammation, Chronic

Nephropathy

Angiectasis

Cytoplasmic Change, Basophilic

Bile Duct

Hyperplasia, Nos

Oropharynx Nos

Squamous Cell Carcinoma

Pharynx

Testis

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 3\_309

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Prostate		Inflammation, Chronic
Skin	Ear	Fibrosarcoma
Spleen	Capsule	Fibrosis
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

---

**ANIMAL ID:** 3\_311

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Pancreas	Islets	Hyperplasia, Nos
Prostate		Hyperplasia, Nos
Testis		Granuloma, Spermatic
		Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 3\_313

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Pancreas	Islets	Hyperplasia, Nos
Pituitary gland		Adenoma, Nos
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Carcinoma
Unspecified		Fibroma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

---

**ANIMAL ID:** 3\_315

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Kidney

Liver

Parathyroid gland

Testis

Unspecified

Bile Duct

Multiple Organs Nos

Pheochromocytoma

Nephropathy

Angiectasis

Cytoplasmic Change, Basophilic

Hyperplasia, Nos

Hyperplasia, Nos

Interstitial-Cell Tumor

Leukemia, Mononuclear Cell

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

---

**ANIMAL ID:** 3\_317

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Brain

Heart

Liver

Unspecified

Pheochromocytoma

Necrosis, Focal

Inflammation, Chronic

Metamorphosis, Fatty

Necrosis, Focal

Leukemia, Mononuclear Cell

Multiple Organs Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

---

**ANIMAL ID:** 3\_319

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Pancreas	Islets	Hyperplasia, Nos
Prostate		Inflammation, Chronic
Testis		Interstitial-Cell Tumor
Thymus		Hyperplasia, Epithelial
Unspecified	Abdominal Cavity	Steatitis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

---

**ANIMAL ID:** 3\_321

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Metamorphosis, Fatty

Heart

Inflammation, Chronic

Kidney

Nephropathy

Liver

Angiectasis

Cytoplasmic Change, Basophilic

Bile Duct

Hyperplasia, Nos

Testis

Metamorphosis, Fatty

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 3\_323

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Nos Pheochromocytoma
Heart		Inflammation, Chronic
Kidney	Pelvis	Hyperplasia, Epithelial Nephropathy
Liver		Cytoplasmic Change, Basophilic Hepatocellular Carcinoma
	Bile Duct	Hyperplasia, Nos Neoplastic Nodule
Pancreas	Acinus	Atrophy, Nos
Pituitary gland		Adenoma, Nos Hypertrophy, Focal
Skin		Papilloma, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

---

**ANIMAL ID:** 3\_325

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Parathyroid gland		Hyperplasia, Nos
Testis		Interstitial-Cell Tumor
Thymus		Hyperplasia, Epithelial

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

---

**ANIMAL ID:** 3\_327

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Metamorphosis, Fatty
Salivary gland		Calculus, Unknown Gross Or Micro
Spleen		Hemosiderosis
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Mineralization
Zymbal gland		Sebaceous Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

---

**ANIMAL ID:** 3\_329

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Hyperplasia, Tubular Cell Nephropathy
Liver		Angiectasis Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Parathyroid gland		Hyperplasia, Focal
Testis		Interstitial-Cell Tumor
Thymus		Hyperplasia, Epithelial

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

---

**ANIMAL ID:** 3\_331

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Brain		Compression, Nos
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Pituitary gland		Adenoma, Nos
Prostate		Inflammation, Chronic
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

---

**ANIMAL ID:** 3\_333

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Pancreas	Islets	Islet-Cell Carcinoma
Parathyroid gland		Hyperplasia, Nos
Pituitary gland		Cyst, Nos
Prostate		Adenoma, Nos
Testis		Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

---

**ANIMAL ID:** 3\_335

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart

Inflammation, Chronic

Left Atrium Nos

Thrombosis, Nos

Kidney

Nephropathy

Liver

Centrilobular

Atrophy, Nos

Bile Duct

Hyperplasia, Nos

Necrosis, Focal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

---

**ANIMAL ID:** 3\_337

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Pituitary gland		Adenoma, Nos
Testis		Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

---

**ANIMAL ID:** 3\_339

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Brain

Kidney

Liver

Mammary gland

Pituitary gland

Prostate

Spleen

Bile Duct

Pheochromocytoma

Carcinoma, Nos, Invasive

Hydrocephalus, Nos

Nephropathy

Cytoplasmic Change, Basophilic

Hyperplasia, Nos

Galactocele

Carcinoma, Nos

Hyperplasia, Nos

Hemosiderosis

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

---

**ANIMAL ID:** 3\_341

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
		Hepatocellular Carcinoma
	Bile Duct	Hyperplasia, Nos
Parathyroid gland		Hyperplasia, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

---

**ANIMAL ID:** 3\_343

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Parathyroid gland		Hyperplasia, Nos
Prostate		Hyperplasia, Nos
		Inflammation, Chronic
Testis		Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

---

**ANIMAL ID:** 3\_345

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos Necrosis, Nos
Lung		Congestion, Chronic Passive
Pancreas	Acinus	Atrophy, Nos
Unspecified	Multiple Organs Nos	Congestion, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

---

**ANIMAL ID:** 3\_347

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Metamorphosis, Fatty

Heart

Inflammation, Chronic

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Bile Duct

Hyperplasia, Nos

Pancreas

Islets

Islet-Cell Adenoma

Prostate

Hyperplasia, Nos

Testis

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

---

**ANIMAL ID:** 3\_349

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Abscess, Nos Nephropathy
Liver		Angiectasis Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Pancreas	Islets	Islet-Cell Adenoma
Pituitary gland		Cyst, Nos
Spleen	Capsule	Fibrosis, Focal
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 3\_351

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Heart		Inflammation, Chronic
	Left Atrium Nos	Thrombosis, Nos
Kidney		Nephropathy
Liver		Angiectasis
		Degeneration, Nos
		Fibrosis
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
		Necrosis, Focal
Lymph node	Mesenteric Lymph Node	Fibrosis
Pancreas	Acinus	Atrophy, Nos
	Islets	Hyperplasia, Nos
Spleen		Fibrosis
Stomach	Forestomach	Hyperplasia, Epithelial
	Mucosa	Ulcer, Nos
Testis		Interstitial-Cell Tumor

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 4\_353

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Metamorphosis, Fatty

Heart

Inflammation, Chronic

Kidney

Nephropathy

Liver

Angiectasis

Cytoplasmic Change, Basophilic

Hepatocytomegaly

Lung

Alveolar/Bronchiolar Carcinoma

Lymph node

Mediastinal Lymph Node

Alveolar/Bronchiolar Carcinoma, Metastatic

Parathyroid gland

Hyperplasia, Nos

Pituitary gland

Hypertrophy, Focal

Testis

Interstitial-Cell Tumor

Thyroid

C-Cell Adenoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 4\_355

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Metamorphosis, Fatty Pheochromocytoma
Heart		Inflammation, Chronic
Kidney	Pelvis	Hyperplasia, Epithelial Nephropathy
Liver		Angiectasis Cytoplasmic Change, Basophilic Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos Metamorphosis, Fatty
Pancreas	Acinus	Atrophy, Nos
	Islets	Islet-Cell Carcinoma
Parathyroid gland		Hyperplasia, Nos
Pituitary gland		Hyperplasia, Focal
Testis		Interstitial-Cell Tumor
Thyroid		Follicular-Cell Adenoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

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**ANIMAL ID:** 4\_357

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic Hepatocellular Carcinoma
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Spleen		Fibrosis
Testis		Interstitial-Cell Tumor
Thymus		Hyperplasia, Epithelial

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 4\_359

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Angiectasis
	Bile Duct	Cyst, Nos
		Cytoplasmic Change, Basophilic
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
		Neoplastic Nodule
Pituitary gland		Adenoma, Nos
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Carcinoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 4\_361

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Bile Duct

Pancreas

Parathyroid gland

Stomach

Testis

Acinus

Forestomach

Pheochromocytoma

Inflammation, Chronic

Nephropathy

Angiectasis

Cytoplasmic Change, Basophilic

Hepatocytomegaly

Hyperplasia, Nos

Metamorphosis, Fatty

Atrophy, Nos

Hyperplasia, Nos

Ulcer, Nos

Interstitial-Cell Tumor

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

---

**ANIMAL ID:** 4\_363

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Hyperplasia, Nos

Pheochromocytoma

Heart

Inflammation, Chronic

Kidney

Nephropathy

Liver

Angiectasis

Hepatocytomegaly

Bile Duct

Hyperplasia, Nos

Neoplastic Nodule

Testis

Interstitial-Cell Tumor

Thyroid

Cystic Follicles

Unspecified

Multiple Organs Nos

Lymphoma, Histiocytic-Malignant Type

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 4\_365

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Medulla

Hyperplasia, Nos

Heart

Inflammation, Chronic

Kidney

Nephropathy

Liver

Angiectasis

Cytoplasmic Change, Basophilic

Hepatocytomegaly

Bile Duct

Hyperplasia, Nos

Necrosis, Nos

Lung

Congestion, Chronic Passive

Parathyroid gland

Hyperplasia, Nos

Pituitary gland

Adenoma, Nos

Skin

Cyst, Epidermal Inclusion

Testis

Interstitial-Cell Tumor

Thyroid

Cystic Follicles

Unspecified

Fibroma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 4\_367

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Nos
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Mammary gland		Fibroadenoma
Pancreas	Acinus	Hyperplasia, Nos
Parathyroid gland		Hyperplasia, Nos
Testis		Interstitial-Cell Tumor
Thymus		Papillary Carcinoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

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**ANIMAL ID:** 4\_369

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Mammary gland		Fibroadenoma
Spleen		Leukemia, Mononuclear Cell
Testis		Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 4\_371

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Medulla

Hyperplasia, Nos

Heart

Inflammation, Chronic

Kidney

Nephropathy

Liver

Angiectasis

Cytoplasmic Change, Basophilic

Hepatocytomegaly

Bile Duct

Hyperplasia, Nos

Pituitary gland

Adenoma, Nos

Skin

Squamous Cell Papilloma

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 4\_373

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Cytoplasmic Change, Nos

Inflammation, Chronic

Nephropathy

Angiectasis

Cytoplasmic Change, Basophilic

Cytoplasmic Change, Eosinophilic

Hepatocytomegaly

Bile Duct

Hyperplasia, Nos

Metamorphosis, Fatty

Pancreas

Acinus

Atrophy, Nos

Parathyroid gland

Ectopia

Testis

Interstitial-Cell Tumor

Thymus

Hyperplasia, Epithelial

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 4\_375

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Heart		Inflammation, Chronic
Intestine Small	Mesentery Nos	Periarteritis
Kidney		Abscess, Nos
		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
		Neoplastic Nodule
Prostate		Carcinoma, Nos
Testis		Interstitial-Cell Tumor
Thyroid		Cystic Follicles
Unspecified		Fibroma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 4\_377

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Medulla

Hyperplasia, Nos

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Hepatocytomegaly

Bile Duct

Hyperplasia, Nos

Metamorphosis, Fatty

Neoplastic Nodule

Pancreas

Acinus

Atrophy, Nos

Parathyroid gland

Islets

Hyperplasia, Nos

Spleen

Hyperplasia, Nos

Testis

Adhesion, Nos

Thyroid

Interstitial-Cell Tumor

C-Cell Adenoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 4\_379

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Bile Duct

Mammary gland

Pancreas

Pituitary gland

Prostate

Testis

Zymbal gland

Islets

Pheochromocytoma

Inflammation, Chronic

Nephropathy

Angiectasis

Cytoplasmic Change, Basophilic

Hepatocytomegaly

Hyperplasia, Nos

Necrosis, Focal

Cystic Ducts

Islet-Cell Carcinoma

Adenoma, Nos

Hyperplasia, Nos

Interstitial-Cell Tumor

Sebaceous Adenoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 4\_381

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Bile Duct

Pancreas

Parathyroid gland

Pituitary gland

Spleen

Testis

Unspecified

Multiple Organs Nos

Abdominal Cavity

Abdominal Cavity

Pheochromocytoma

Inflammation, Chronic

Infarct, Nos

Nephropathy

Angiectasis

Cytoplasmic Change, Basophilic

Hepatocytomegaly

Hyperplasia, Nos

Neoplastic Nodule

Hyperplasia, Nos

Hyperplasia, Nos

Cyst, Nos

Fibrosis

Interstitial-Cell Tumor

Leukemia, Mononuclear Cell

Necrosis, Fat

Steatitis

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 4\_383

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney	Pelvis	Hyperplasia, Epithelial Nephropathy
Liver		Angiectasis Cytoplasmic Change, Basophilic Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos Metamorphosis, Fatty
Mammary gland		Fibroadenoma
Parathyroid gland		Hyperplasia, Nos
Prostate		Adenoma, Nos
Testis		Interstitial-Cell Tumor

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 4\_385

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Brain		Oligodendroglioma
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
	Bile Duct	Hepatocytomegaly
		Hyperplasia, Nos
		Metamorphosis, Fatty
		Neoplastic Nodule
Pancreas	Islets	Hyperplasia, Nos
Pituitary gland		Hyperplasia, Focal
Preputial gland		Adenoma, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 4\_387

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Brain		Necrosis, Hemorrhagic
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
	Bile Duct	Hepatocytomegaly
		Hyperplasia, Nos
		Neoplastic Nodule
Lung		Inflammation, Interstitial
Spinal cord		Necrosis, Hemorrhagic
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 4\_389

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
		Cytoplasmic Change, Eosinophilic
		Metamorphosis, Fatty
Lung		Alveolar/Bronchiolar Carcinoma
Pancreas	Acinus	Atrophy, Nos
	Islets	Islet-Cell Carcinoma
Spleen		Leukemia, Mononuclear Cell
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 4\_391

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Bone marrow		Fibrosis
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
		Neoplastic Nodule
Pancreas	Islets	Islet-Cell Adenoma
Parathyroid gland		Hyperplasia, Nos
Pituitary gland		Adenoma, Nos
Prostate		Hyperplasia, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

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**ANIMAL ID:** 4\_393

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Cortex Nos

Degeneration, Nos

Heart

Inflammation, Chronic

Kidney

Nephropathy

Liver

Angiectasis

Cytoplasmic Change, Basophilic

Parathyroid gland

Metamorphosis, Fatty

Testis

Hyperplasia, Nos

Thyroid

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Cystic Follicles

Leukemia, Mononuclear Cell

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

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**ANIMAL ID:** 4\_395

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart

Inflammation, Chronic

Liver

Necrosis, Focal

Stomach

Mucosa

Erosion

Unspecified

Sarcoma, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 4\_397

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Pancreas	Islets	Islet-Cell Carcinoma
Parathyroid gland		Hyperplasia, Nos
Pituitary gland		Hyperplasia, Focal
Testis		Interstitial-Cell Tumor
Unspecified		Fibroma
	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C06428A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mirex

CAS Number: 2385-85-5

Date Report Requested: 10/26/2014

Time Report Requested: 16:39:36

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4\_399

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
Bone marrow		Fibrosis, Focal
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Angiectasis
		Atrophy, Nos
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
Lung		Congestion, Chronic Passive
Mammary gland		Cystic Ducts
Pancreas	Islets	Hyperplasia, Nos
Parathyroid gland		Hyperplasia, Nos
Prostate		Inflammation, Chronic
Spleen		Fibrosis
Stomach	Forestomach	Ulcer, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
	Abdominal Cavity	Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 4\_401

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Nos
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Angiectasis
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
		Neoplastic Nodule
Pancreas	Acinus	Atrophy, Nos
	Islets	Hyperplasia, Nos
Pituitary gland		Cyst, Nos
Spleen		Fibrosis
Testis		Interstitial-Cell Tumor
Thymus		Cyst, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

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**ANIMAL ID:** 4\_403

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Angiectasis
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
		Necrosis, Focal
Lung		Inflammation, Interstitial
Mammary gland		Cystic Ducts
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 4\_405

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland		Pheochromocytoma
Blood vessel	Hepatic Artery	Thrombosis, Nos
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
		Necrosis, Focal
Skin		Keratoacanthoma
Spleen		Fibrosis
Stomach	Mucosa	Erosion
	Forestomach	Ulcer, Nos
Testis		Interstitial-Cell Tumor
Thyroid		Cystic Follicles
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 4\_407

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Zona Fasciculata

Hyperplasia, Nos

Heart

Inflammation, Chronic

Kidney

Nephropathy

Liver

Angiectasis

Atrophy, Nos

Cytoplasmic Change, Basophilic

Bile Duct

Hyperplasia, Nos

Spleen

Fibrosis

Testis

Interstitial-Cell Tumor

Thyroid

C-Cell Carcinoma

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

Multiple Organs Nos

Mineralization

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 4\_409

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Eye	Lacrimal Gland	Atrophy, Nos
Heart		Inflammation, Chronic
Kidney	Pelvis	Hyperplasia, Epithelial
		Nephropathy
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Pancreas	Acinus	Atrophy, Nos
	Islets	Islet-Cell Adenoma
Parathyroid gland		Ectopia
		Hyperplasia, Nos
Skin		Sebaceous Adenoma
Testis		Interstitial-Cell Tumor
Thymus		Cyst, Nos
Thyroid		Hyperplasia, C Cell
Unspecified		Fibroma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 4\_411

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Cortical Carcinoma

Inflammation, Chronic

Nephropathy

Angiectasis

Cytoplasmic Change, Basophilic

Hepatocytomegaly

Bile Duct

Hyperplasia, Nos

Metamorphosis, Fatty

Necrosis, Focal

Pancreas

Islets

Hyperplasia, Nos

Testis

Interstitial-Cell Tumor

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 4\_413

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Bone marrow  
Heart  
Kidney  
Liver

Pheochromocytoma  
Fibrosis, Focal  
Inflammation, Chronic  
Nephropathy  
Angiectasis

Pancreas  
Spleen  
Testis  
Unspecified

Bile Duct  
Islets

Hepatocytomegaly  
Hyperplasia, Nos  
Hyperplasia, Nos  
Fibrosis  
Interstitial-Cell Tumor  
Fibroma  
Inflammation, Granulomatous  
Leukemia, Mononuclear Cell

Abdominal Cavity  
Multiple Organs Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 4\_415

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Heart  
Kidney  
Liver

Medulla

Hyperplasia, Nos  
Inflammation, Chronic  
Nephropathy  
Angiectasis  
Cytoplasmic Change, Basophilic  
Hepatocytomegaly  
Hyperplasia, Nos  
Neoplastic Nodule  
Acinar-Cell Adenoma  
Hyperplasia, Nos  
Interstitial-Cell Tumor

Bile Duct

Pancreas  
Parathyroid gland  
Testis

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 4\_417

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland		Necrosis, Nos
Bone marrow		Fibrosis, Focal
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
	Centrilobular	Necrosis, Nos
Mammary gland		Galactocele
		Inflammation, Granulomatous
Pancreas	Islets	Islet-Cell Adenoma
Pituitary gland		Adenoma, Nos
Prostate		Inflammation, Acute
Spleen		Fibrosarcoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

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**ANIMAL ID:** 4\_419

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Liver

Skin

Testis

Unspecified

Bile Duct

Pheochromocytoma

Hepatocytomegaly

Hyperplasia, Nos

Ulcer, Nos

Atrophy, Nos

Fibroma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 4\_421

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Heart Pheochromocytoma, Malignant

Kidney Inflammation, Chronic

Liver Nephropathy

Angiectasis

Cytoplasmic Change, Basophilic

Hepatocytomegaly

Bile Duct Hyperplasia, Nos

Lung Pheochromocytoma, Metastatic

Mammary gland Galactocele

Pancreas Acinus Atrophy, Nos

Islets Islet-Cell Carcinoma

Pituitary gland Adenoma, Nos

Prostate Adenoma, Nos

Testis Interstitial-Cell Tumor

Urinary bladder Submucosa Hemorrhage

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

---

**ANIMAL ID:** 4\_423

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
		Hepatocytomegaly
		Metamorphosis, Fatty
Lung		Hyperplasia, Alveolar Epithelium
Prostate		Hyperplasia, Nos
		Inflammation, Chronic
Testis		Interstitial-Cell Tumor
Unspecified	Adipose Tissue	Necrosis, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

---

**ANIMAL ID:** 4\_425

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart		Inflammation, Chronic
	Left Atrium Nos	Thrombosis, Nos
Kidney		Nephropathy
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
	Centrilobular	Necrosis, Nos
Lung		Congestion, Chronic Passive
Testis		Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

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**ANIMAL ID:** 4\_427

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Hepatocellular Carcinoma
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
		Neoplastic Nodule
Pancreas	Islets	Islet-Cell Carcinoma
Pituitary gland		Adenoma, Nos
Testis		Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

---

**ANIMAL ID:** 4\_429

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Pheochromocytoma

Inflammation, Chronic

Nephropathy

Angiectasis

Cytoplasmic Change, Basophilic

Hepatocytomegaly

Neoplastic Nodule

Fibroadenoma

Mammary gland

Pancreas

Islets

Islet-Cell Carcinoma

Pituitary gland

Adenoma, Nos

Testis

Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

---

**ANIMAL ID:** 4\_431

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart		Inflammation, Chronic
	Left Atrium Nos	Thrombosis, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
	Centrilobular	Necrosis, Nos
Lung		Congestion, Chronic Passive
Testis		Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 4\_433

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Metamorphosis, Fatty Pheochromocytoma
Heart		Inflammation, Chronic Thrombosis, Nos
Kidney	Left Atrium Nos Pelvis	Hyperplasia, Epithelial Nephropathy
Liver		Angiectasis Cytoplasmic Change, Basophilic Hyperplasia, Nos Metamorphosis, Fatty
	Bile Duct	Necrosis, Nos
Lung	Centrilobular	Congestion, Chronic Passive
Mammary gland		Cystic Ducts
Pancreas	Acinus Islets	Atrophy, Nos Hyperplasia, Nos
Parathyroid gland		Hyperplasia, Nos
Pituitary gland		Adenoma, Nos
Testis		Interstitial-Cell Tumor

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C06428A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mirex

CAS Number: 2385-85-5

Date Report Requested: 10/26/2014

Time Report Requested: 16:39:36

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4\_435

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
Heart		Inflammation, Chronic
Intestine Small	Mesentery Nos	Periarteritis
Kidney	Pelvis	Hyperplasia, Epithelial
		Nephropathy
Liver		Angiectasis
	Centrilobular	Atrophy, Nos
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
Lung		Hyperplasia, Alveolar Epithelium
Pancreas	Acinus	Hyperplasia, Nos
	Islets	Hyperplasia, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Zymbal gland		Carcinoma, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 4\_437

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Left Atrium Nos

Bile Duct

Lung

Pancreas

Testis

Islets

Pheochromocytoma

Inflammation, Chronic

Thrombosis, Nos

Nephropathy

Angiectasis

Cytoplasmic Change, Basophilic

Hepatocytomegaly

Hyperplasia, Nos

Neoplastic Nodule

Congestion, Chronic Passive

Hyperplasia, Nos

Interstitial-Cell Tumor

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

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**ANIMAL ID:** 4\_439

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Mammary gland		Fibroadenoma
Pancreas	Islets	Islet-Cell Adenoma
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
	Abdominal Cavity	Steatitis

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 4\_441

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
		Neoplastic Nodule
Pancreas	Islets	Islet-Cell Carcinoma
Parathyroid gland		Hyperplasia, Nos
Pituitary gland		Hyperplasia, Nos
Spleen		Fibrosarcoma
Testis		Granuloma, Spermatic
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

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**ANIMAL ID:** 4\_443

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Angiectasis
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
	Centrilobular	Necrosis, Nos
Testis		Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

---

**ANIMAL ID:** 4\_445

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Heart		Inflammation, Chronic
	Left Atrium Nos	Thrombosis, Nos
Liver	Bile Duct	Hyperplasia, Nos
Lung		Congestion, Chronic Passive

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 4\_447

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Nos Necrosis, Cortical
Heart		Inflammation, Chronic
Intestine Small	Mesentery Nos	Periarteritis
Kidney		Nephropathy
Liver	Centrilobular	Angiectasis Atrophy, Nos Cytoplasmic Change, Basophilic Hepatocytomegaly
Pancreas	Bile Duct	Hyperplasia, Nos
Parathyroid gland	Islets	Hyperplasia, Nos
Prostate		Hyperplasia, Nos
Testis		Hyperplasia, Nos
Unspecified	Multiple Organs Nos	Interstitial-Cell Tumor Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 4\_449

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Centrilobular

Bile Duct

Pancreas

Islets

Testis

Unspecified

Multiple Organs Nos

Necrosis, Nos

Inflammation, Chronic

Nephropathy

Angiectasis

Atrophy, Nos

Cytoplasmic Change, Basophilic

Hyperplasia, Nos

Necrosis, Nos

Hyperplasia, Nos

Interstitial-Cell Tumor

Fibroma

Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 4\_451

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Hyperplasia, Nos

Heart

Inflammation, Chronic

Left Atrium Nos

Thrombosis, Nos

Kidney

Nephropathy

Liver

Angiectasis

Cytoplasmic Change, Basophilic

Hepatocytomegaly

Bile Duct

Hyperplasia, Nos

Metamorphosis, Fatty

Lung

Congestion, Chronic Passive

Pancreas

Islets

Hyperplasia, Nos

Parathyroid gland

Hyperplasia, Nos

Testis

Interstitial-Cell Tumor

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

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**ANIMAL ID:** 4\_453

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Medulla

Hyperplasia, Nos

Heart

Inflammation, Chronic

Left Atrium Nos

Thrombosis, Nos

Kidney

Nephropathy

Liver

Angiectasis

Cytoplasmic Change, Basophilic

Bile Duct

Hyperplasia, Nos

Lung

Inflammation, Interstitial

Testis

Interstitial-Cell Tumor

Thyroid

C-Cell Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

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**ANIMAL ID:** 4\_455

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Pancreas	Islets	Islet-Cell Carcinoma
Pituitary gland		Cyst, Nos
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 5\_497

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 25 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Lung

Spleen

Testis

Left Atrium Nos

Pelvis

Bile Duct

Centrilobular

Angiectasis

Inflammation, Chronic

Thrombosis, Nos

Hyperplasia, Epithelial

Nephropathy

Angiectasis

Hepatocytomegaly

Hyperplasia, Nos

Necrosis, Nos

Congestion, Chronic Passive

Necrosis, Focal

Leukemia, Mononuclear Cell

Interstitial-Cell Tumor

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

---

**ANIMAL ID:** 5\_499

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 25 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Kidney

Nephropathy

Liver

Hepatocytomegaly

Bile Duct

Hyperplasia, Nos

Unspecified

Multiple Organs Nos

Necrosis, Focal

Leukemia, Mononuclear Cell

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

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**ANIMAL ID:** 5\_501

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 25 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Angiectasis
	Bile Duct	Hepatocytomegaly
		Hyperplasia, Nos
Pancreas	Islets	Metamorphosis, Fatty
Spleen		Islet-Cell Carcinoma
		Hematopoiesis
		Hyperplasia, Lymphoid
Unspecified		Fibrosarcoma

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 5\_503

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 25 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Nos
Brain		Necrosis, Nos
Heart		Inflammation, Chronic
Kidney		Nephropathy
	Pelvis	Transitional-Cell Papilloma
Liver		Angiectasis
	Centrilobular	Atrophy, Nos
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
		Necrosis, Focal
		Neoplastic Nodule
Parathyroid gland		Hyperplasia, Nos
Spinal cord		Necrosis, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

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**ANIMAL ID:** 5\_505

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 25 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Brain		Necrosis, Hemorrhagic
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
	Centrilobular	Necrosis, Nos
Pancreas	Islets	Hyperplasia, Nos
Preputial gland		Cystic Ducts
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: C06428A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mirex

CAS Number: 2385-85-5

Date Report Requested: 10/26/2014

Time Report Requested: 16:39:36

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5\_507

TRT#: 5

SEX: Male

DAY ON TEST:

DOSE: 25 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland  
Heart  
Intestine Small  
Kidney  
Liver

Mesentery Nos

Pheochromocytoma  
Inflammation, Chronic  
Periarteritis  
Nephropathy  
Angiectasis  
Cytoplasmic Change, Basophilic  
Cytoplasmic Change, Eosinophilic  
Hepatocytomegaly  
Hyperplasia, Nos  
Hyperplasia, Nos  
Hematopoiesis  
Hyperplasia, Epithelial

Pancreas  
Spleen  
Thymus

Bile Duct  
Islets

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 5\_509

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 25 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Heart

Intestine Small

Kidney

Liver

Mesentery Nos

Bile Duct

Pancreas

Acinus

Acinus

Islets

Parathyroid gland

Pituitary gland

Testis

Thyroid

Pheochromocytoma

Inflammation, Chronic

Periarteritis

Nephropathy

Angiectasis

Cytoplasmic Change, Basophilic

Hepatocellular Carcinoma

Hepatocytomegaly

Hyperplasia, Nos

Metamorphosis, Fatty

Neoplastic Nodule

Atrophy, Nos

Hyperplasia, Nos

Hyperplasia, Nos

Hyperplasia, Nos

Adenoma, Nos

Interstitial-Cell Tumor

C-Cell Adenoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06428A  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex  
**CAS Number:** 2385-85-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:39:36  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_511

**TRT#:** 5  
**DOSE:** 25 PPM

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

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

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Nos
	Cortex Nos	Metamorphosis, Fatty
		Pheochromocytoma
Heart		Inflammation, Chronic
	Left Atrium Nos	Thrombosis, Nos
Kidney		Nephropathy
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
		Hepatocellular Carcinoma
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
	Centrilobular	Necrosis, Nos
Parathyroid gland		Hyperplasia, Nos
Pituitary gland		Adenoma, Nos
Preputial gland		Carcinoma, Nos
Spleen		Fibrosis
Testis		Interstitial-Cell Tumor
	Tunica Vaginalis	Mesothelioma, Nos
Thymus		Hyperplasia, Epithelial
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 5\_513

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 25 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Intestine Small

Duodenum

Ulcer, Nos

Kidney

Pelvis

Hyperplasia, Epithelial

Liver

Centrilobular

Nephropathy

Cytoplasmic Change, Basophilic

Degeneration, Nos

Hepatocytomegaly

Bile Duct

Hyperplasia, Nos

Necrosis, Focal

Neoplastic Nodule

Parathyroid gland

Hyperplasia, Nos

Spleen

Fibrosis

Stomach

Forestomach

Ulcer, Nos

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

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**ANIMAL ID:** 5\_515

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 25 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Heart  
Kidney  
Liver

Cortex Nos

Metamorphosis, Fatty  
Inflammation, Chronic  
Nephropathy  
Angiectasis  
Cytoplasmic Change, Basophilic

Bile Duct

Hepatocytomegaly  
Hyperplasia, Nos  
Neoplastic Nodule

Pancreas  
Prostate

Islets

Hyperplasia, Nos  
Hyperplasia, Nos  
Inflammation, Chronic  
Interstitial-Cell Tumor  
Hyperplasia, Epithelial

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 5\_517

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 25 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Metamorphosis, Fatty Pheochromocytoma
Brain		Glioma, Nos
Heart		Inflammation, Chronic
	Left Atrium Nos	Thrombosis, Nos
Kidney		Nephropathy
Liver		Angiectasis
	Bile Duct	Cyst, Nos
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Lung		Congestion, Chronic Passive
Preputial gland		Adenoma, Nos
Testis		Interstitial-Cell Tumor

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 5\_519

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 25 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney	Pelvis	Hyperplasia, Epithelial Nephropathy
Liver	Centrilobular	Angiectasis Atrophy, Nos Cytoplasmic Change, Basophilic Hepatocytomegaly
Pancreas	Bile Duct	Hyperplasia, Nos
Parathyroid gland	Islets	Islet-Cell Carcinoma
Pituitary gland		Hyperplasia, Nos
Testis		Adenoma, Nos
Thyroid		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	C-Cell Adenoma Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 5\_521

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 25 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Nos Pheochromocytoma
Heart		Inflammation, Chronic
Intestine Small	Mesentery Nos	Periarteritis
Kidney	Pelvis	Hyperplasia, Epithelial Nephropathy
Liver		Angiectasis Cytoplasmic Change, Basophilic Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos Metamorphosis, Fatty Neoplastic Nodule
Pancreas	Islets	Islet-Cell Carcinoma
Parathyroid gland		Ectopia Hyperplasia, Nos
Preputial gland		Adenoma, Nos
Testis		Interstitial-Cell Tumor

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 5\_523

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 25 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Lung

Parathyroid gland

Spleen

Stomach

Testis

Left Atrium Nos

Pelvis

Bile Duct

Mucosa

Pheochromocytoma

Inflammation, Chronic

Thrombosis, Nos

Hyperplasia, Epithelial

Nephropathy

Angiectasis

Cytoplasmic Change, Basophilic

Hepatocellular Carcinoma

Hepatocytomegaly

Hyperplasia, Nos

Metamorphosis, Fatty

Neoplastic Nodule

Congestion, Chronic Passive

Hyperplasia, Nos

Fibrosis

Erosion

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

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**ANIMAL ID:** 5\_525

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 25 PPM

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Testis		Interstitial-Cell Tumor
Unspecified		Fibroma

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

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**ANIMAL ID:** 5\_527

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 25 PPM

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Angiectasis
	Bile Duct	Hyperplasia, Nos
	Centrilobular	Necrosis, Nos
Pancreas	Islets	Islet-Cell Carcinoma
Pituitary gland		Hypertrophy, Focal
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

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**ANIMAL ID:** 5\_529

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 25 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart

Kidney

Liver

Inflammation, Chronic

Nephropathy

Angiectasis

Cytoplasmic Change, Basophilic

Hepatocytomegaly

Bile Duct

Hyperplasia, Nos

Necrosis, Focal

Unspecified

Fibroma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 5\_531

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 25 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney	Pelvis	Hyperplasia, Epithelial Nephropathy
Liver		Cytoplasmic Change, Basophilic Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos Metamorphosis, Fatty Necrosis, Focal Neoplastic Nodule
Parathyroid gland		Hyperplasia, Nos
Spleen		Leukemia, Mononuclear Cell
Testis		Interstitial-Cell Tumor
Thymus		Hyperplasia, Epithelial

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 5\_533

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 25 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Harderian gland  
Heart  
Kidney  
Liver

Hardarian Gland

Carcinoma, Nos  
Inflammation, Chronic  
Nephropathy  
Angiectasis  
Cytoplasmic Change, Eosinophilic  
Hepatocytomegaly

Bile Duct

Hyperplasia, Nos  
Metamorphosis, Fatty  
Necrosis, Focal  
Carcinoma, Nos, Metastatic

Lung  
Nasal cavity  
Stomach  
Testis

Mucosa

Inflammation, Acute  
Erosion  
Interstitial-Cell Tumor

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 5\_535

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 25 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney	Pelvis	Inflammation, Acute Focal Nephropathy
Liver	Centrilobular	Angiectasis Atrophy, Nos Hepatocytomegaly
Pancreas	Bile Duct	Hyperplasia, Nos
Prostate	Islets	Hyperplasia, Nos
Unspecified	Abdominal Cavity	Inflammation, Acute
	Multiple Organs Nos	Inflammation, Granulomatous
Urinary bladder		Leukemia, Mononuclear Cell Inflammation, Acute Necrotizing

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

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**ANIMAL ID:** 5\_537

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 25 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Angiectasis
	Bile Duct	Hyperplasia, Nos
		Necrosis, Focal
		Neoplastic Nodule
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

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**ANIMAL ID:** 5\_539

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 25 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Angiectasis
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
		Necrosis, Focal
Parathyroid gland		Hyperplasia, Nos
Stomach	Forestomach	Ulcer, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: C06428A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mirex

CAS Number: 2385-85-5

Date Report Requested: 10/26/2014

Time Report Requested: 16:39:36

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5\_541

TRT#: 5

SEX: Male

DAY ON TEST:

DOSE: 25 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Intestine Small

Kidney

Liver

Pancreas

Parathyroid gland

Pituitary gland

Spleen

Stomach

Testis

Left Atrium Nos

Duodenum

Pelvis

Bile Duct

Islets

Mucosa

Pheochromocytoma

Inflammation, Chronic

Thrombosis, Nos

Ulcer, Nos

Hyperplasia, Epithelial

Nephropathy

Cytoplasmic Change, Basophilic

Hepatocytomegaly

Hyperplasia, Nos

Metamorphosis, Fatty

Neoplastic Nodule

Islet-Cell Adenoma

Hyperplasia, Nos

Cyst, Nos

Fibrosis

Erosion

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

---

**ANIMAL ID:** 5\_543

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 25 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Medulla

Hyperplasia, Nos

Bone

Vertebra

Fibrous Osteodystrophy

Heart

Inflammation, Chronic

Kidney

Nephropathy

Liver

Angiectasis

Cytoplasmic Change, Basophilic

Hepatocytomegaly

Bile Duct

Hyperplasia, Nos

Metamorphosis, Fatty

Parathyroid gland

Hyperplasia, Nos

Pituitary gland

Adenoma, Nos

Unspecified

Multiple Organs Nos

Mineralization

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: C06428A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mirex

CAS Number: 2385-85-5

Date Report Requested: 10/26/2014

Time Report Requested: 16:39:36

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5\_545

TRT#: 5

SEX: Male

DAY ON TEST:

DOSE: 25 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
Heart		Inflammation, Chronic
Kidney	Pelvis	Hyperplasia, Epithelial
		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
		Neoplastic Nodule
Pancreas		Acinar-Cell Adenoma
	Islets	Islet-Cell Carcinoma
Parathyroid gland		Hyperplasia, Nos
Pituitary gland		Adenoma, Nos
Spleen		Fibrosis
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 5\_547

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 25 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
		Necrosis, Focal
Mammary gland		Cystic Ducts
Pituitary gland		Adenoma, Nos
Seminal vesicle		Inflammation, Chronic
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Acute
Unspecified	Abdominal Cavity	Necrosis, Fat

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

---

**ANIMAL ID:** 5\_549

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 25 PPM

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Brain		Glioma, Nos
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Angiectasis
	Bile Duct	Hyperplasia, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Abdominal Cavity	Necrosis, Fat

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: C06428A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mirex

CAS Number: 2385-85-5

Date Report Requested: 10/26/2014

Time Report Requested: 16:39:36

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5\_551

TRT#: 5

SEX: Male

DAY ON TEST:

DOSE: 25 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
	Cortex Nos	Metamorphosis, Fatty
Heart		Inflammation, Chronic
Intestine Small	Mesentery Nos	Periarteritis
Kidney	Pelvis	Hyperplasia, Epithelial
		Nephropathy
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
		Neoplastic Nodule
Mammary gland		Fibroadenoma
Pancreas	Islets	Hyperplasia, Nos
Parathyroid gland		Ectopia
		Hyperplasia, Nos
Testis		Interstitial-Cell Tumor
Thymus		Hyperplasia, Epithelial
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

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**ANIMAL ID:** 5\_553

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 25 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Nos Pheochromocytoma
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hepatocytomegaly Hyperplasia, Nos Neoplastic Nodule
Pancreas	Islets	Hyperplasia, Nos
Prostate		Hyperplasia, Nos
Spleen		Fibrosis
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 5\_555

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 25 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
		Necrosis, Focal
Parathyroid gland		Hyperplasia, Nos
Penis		Ulcer, Nos
Pituitary gland		Adenoma, Nos
Stomach	Forestomach	Ulcer, Nos
Testis		Interstitial-Cell Tumor
Thyroid		Cystic Follicles
Unspecified	Multiple Organs Nos	Mineralization

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

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**ANIMAL ID:** 5\_557

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 25 PPM

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Brain		Necrosis, Hemorrhagic
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
		Necrosis, Focal
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

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**ANIMAL ID:** 5\_559

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 25 PPM

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
		Sarcoma, Nos
Liver		Angiectasis
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
		Necrosis, Nos
Stomach	Mucosa	Erosion
Testis		Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

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**ANIMAL ID:** 5\_561

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 25 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Pancreas	Acinus	Atrophy, Nos
	Islets	Hyperplasia, Nos
Parathyroid gland		Hyperplasia, Nos
Testis		Interstitial-Cell Tumor
Thymus		Hyperplasia, Epithelial

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

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**ANIMAL ID:** 5\_563

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 25 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Angiectasis
	Centrilobular	Atrophy, Nos
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
		Neoplastic Nodule
Pancreas	Islets	Hyperplasia, Nos
Prostate		Inflammation, Chronic
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 5\_565

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 25 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Angiectasis
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
		Necrosis, Focal
Mammary gland		Cyst, Nos
Parathyroid gland		Hyperplasia, Nos
Testis		Interstitial-Cell Tumor
Thyroid		Cystic Follicles
		Hyperplasia, C Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

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**ANIMAL ID:** 5\_567

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 25 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Medulla  
Cortex Nos

Hyperplasia, Nos  
Metamorphosis, Fatty  
Inflammation, Chronic  
Nephropathy  
Angiectasis  
Cytoplasmic Change, Basophilic  
Hepatocytomegaly  
Hyperplasia, Nos  
Necrosis, Focal  
Atrophy, Nos  
Hyperplasia, Nos  
Hyperplasia, Nos  
Interstitial-Cell Tumor

Heart

Kidney

Liver

Pancreas

Bile Duct

Acinus

Islets

Parathyroid gland

Testis

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

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**ANIMAL ID:** 5\_569

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 25 PPM

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Heart

Liver

Testis

Left Atrium Nos

Bile Duct

Pheochromocytoma

Inflammation, Chronic

Thrombosis, Nos

Hepatocytomegaly

Hyperplasia, Nos

Necrosis, Nos

Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 5\_571

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 25 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Parathyroid gland

Stomach

Testis

Unspecified

Left Atrium Nos

Bile Duct

Mucosa

Multiple Organs Nos

Pheochromocytoma

Inflammation, Chronic

Thrombosis, Nos

Necrosis, Focal

Nephropathy

Angiectasis

Hepatocytomegaly

Hyperplasia, Nos

Necrosis, Focal

Hyperplasia, Nos

Erosion

Interstitial-Cell Tumor

Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 5\_573

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 25 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Metamorphosis, Fatty

Pheochromocytoma

Heart

Inflammation, Chronic

Kidney

Nephropathy

Liver

Angiectasis

Cytoplasmic Change, Basophilic

Hepatocytomegaly

Bile Duct

Hyperplasia, Nos

Metamorphosis, Fatty

Necrosis, Focal

Lung

Congestion, Chronic Passive

Parathyroid gland

Ectopia

Testis

Interstitial-Cell Tumor

Thymus

Hyperplasia, Epithelial

Thyroid

Cystic Follicles

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 5\_575

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 25 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Heart		Inflammation, Chronic
Kidney	Pelvis	Hyperplasia, Epithelial
		Nephropathy
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
		Neoplastic Nodule
Pancreas	Acinus	Atrophy, Nos
Parathyroid gland		Adenoma, Nos
Skin	Nose	Hyperplasia, Epithelial
	Nose	Inflammation, Acute
Testis		Interstitial-Cell Tumor
Thymus		Cyst, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
	Multiple Organs Nos	Mineralization

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

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**ANIMAL ID:** 5\_577

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 25 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Cortex Nos

Metamorphosis, Fatty

Heart

Inflammation, Chronic

Kidney

Pelvis

Hyperplasia, Epithelial

Liver

Nephropathy

Angiectasis

Cytoplasmic Change, Basophilic

Hepatocytomegaly

Bile Duct

Hyperplasia, Nos

Pituitary gland

Adenoma, Nos

Testis

Interstitial-Cell Tumor

Thyroid

C-Cell Adenoma

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

---

**ANIMAL ID:** 5\_579

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 25 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Heart

Intestine Small

Kidney

Liver

Spleen

Testis

Duodenum

Pelvis

Bile Duct

Pheochromocytoma

Inflammation, Chronic

Ulcer, Nos

Hyperplasia, Epithelial

Nephropathy

Angiectasis

Cytoplasmic Change, Basophilic

Hepatocytomegaly

Hyperplasia, Nos

Fibrosis, Focal

Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

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**ANIMAL ID:** 5\_581

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 25 PPM

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Cortex Nos

Metamorphosis, Fatty

Heart

Inflammation, Chronic

Kidney

Nephropathy

Liver

Hepatocytomegaly

Bile Duct

Hyperplasia, Nos

Necrosis, Nos

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 5\_583

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 25 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland		Pheochromocytoma
Heart		Inflammation, Chronic
Kidney	Pelvis	Hyperplasia, Epithelial
		Nephropathy
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
		Hepatocytomegaly
Pancreas		Metamorphosis, Fatty
		Acinar-Cell Adenoma
	Islets	Hyperplasia, Nos
Parathyroid gland		Hyperplasia, Nos
Prostate		Hyperplasia, Nos
		Inflammation, Chronic
Stomach	Forestomach	Ulcer, Nos
Testis		Interstitial-Cell Tumor

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

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**ANIMAL ID:** 5\_585

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 25 PPM

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
		Necrosis, Focal
Lung		Squamous Cell Carcinoma, Metastatic
Zymbal gland		Squamous Cell Carcinoma

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

---

**ANIMAL ID:** 5\_587

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 25 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Brain

Heart

Kidney

Liver

Bile Duct

Lung

Testis

Pheochromocytoma

Necrosis, Hemorrhagic

Inflammation, Chronic

Hyperplasia, Tubular Cell

Nephropathy

Angiectasis

Hepatocytomegaly

Hyperplasia, Nos

Necrosis, Focal

Congestion, Chronic Passive

Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 5\_589

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 25 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Pancreas	Islets	Hyperplasia, Nos
Parathyroid gland		Hyperplasia, Nos
Pituitary gland		Hyperplasia, Focal
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
	Abdominal Cavity	Necrosis, Fat

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: C06428A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mirex

CAS Number: 2385-85-5

Date Report Requested: 10/26/2014

Time Report Requested: 16:39:36

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5\_591

TRT#: 5

SEX: Male

DAY ON TEST:

DOSE: 25 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland		Pheochromocytoma
Bone	Vertebra	Fibrous Osteodystrophy
Heart		Inflammation, Chronic
	Left Atrium Nos	Thrombosis, Nos
Kidney		Nephropathy
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
	Centrilobular	Necrosis, Nos
Lung		Congestion, Chronic Passive
Mammary gland		Cystic Ducts
Parathyroid gland		Ectopia
		Hyperplasia, Nos
Prostate		Hyperplasia, Nos
Testis		Interstitial-Cell Tumor
Thyroid		Cystic Follicles
Unspecified	Multiple Organs Nos	Mineralization

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 5\_593

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 25 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Bile Duct

Lung

Pancreas

Skin

Testis

Unspecified

Islets

Pheochromocytoma

Inflammation, Chronic

Nephropathy

Angiectasis

Cytoplasmic Change, Basophilic

Hepatocytomegaly

Hyperplasia, Nos

Necrosis, Nos

Hyperplasia, Alveolar Epithelium

Hyperplasia, Nos

Squamous Cell Carcinoma

Interstitial-Cell Tumor

Fibroma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 5\_595

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 25 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland		Pheochromocytoma
Heart		Inflammation, Chronic
Kidney	Pelvis	Hyperplasia, Epithelial
		Nephropathy
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
		Neoplastic Nodule
Pancreas	Acinus	Atrophy, Nos
	Islets	Hyperplasia, Nos
Parathyroid gland		Hyperplasia, Nos
Testis		Interstitial-Cell Tumor
Thymus		Hyperplasia, Epithelial

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

---

**ANIMAL ID:** 5\_597

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 25 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver	Centrilobular	Necrosis, Nos
Pituitary gland		Adenoma, Nos
Seminal vesicle		Inflammation, Chronic
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

---

**ANIMAL ID:** 5\_599

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 25 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Bile Duct

Centrilobular

Lung

Parathyroid gland

Testis

Unspecified

Zymbal gland

Multiple Organs Nos

Pheochromocytoma

Inflammation, Chronic

Nephropathy

Angiectasis

Hyperplasia, Nos

Metamorphosis, Fatty

Necrosis, Nos

Inflammation, Acute Focal

Adenoma, Nos

Interstitial-Cell Tumor

Mineralization

Carcinoma, Nos

Sebaceous Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 6\_793

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Angiectasis
	Centrilobular	Degeneration, Nos
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
		Necrosis, Focal
		Neoplastic Nodule
Parathyroid gland		Hyperplasia, Nos
Pituitary gland		Adenoma, Nos
Skin		Cyst, Epidermal Inclusion
Testis		Interstitial-Cell Tumor

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

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**ANIMAL ID:** 6\_795

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart

Kidney

Liver

Bile Duct

Inflammation, Chronic

Nephropathy

Hyperplasia, Nos

Necrosis, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

---

**ANIMAL ID:** 6\_797

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Fibrosis
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
		Necrosis, Focal
		Neoplastic Nodule
Spleen		Atrophy, Nos
		Fibrosis
Testis		Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 6\_799

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Hyperplasia, Nos

Heart

Medulla

Hyperplasia, Nos

Kidney

Inflammation, Chronic

Liver

Nephropathy

Angiectasis

Atrophy, Nos

Cytoplasmic Change, Basophilic

Bile Duct

Hyperplasia, Nos

Necrosis, Nos

Neoplastic Nodule

Parathyroid gland

Hyperplasia, Nos

Spleen

Fibrosis

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Mineralization

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

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**ANIMAL ID:** 6\_801

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Metamorphosis, Fatty

Pheochromocytoma

Heart

Inflammation, Chronic

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Hepatocytomegaly

Bile Duct

Hyperplasia, Nos

Necrosis, Focal

Pancreas

Acinus

Hyperplasia, Nos

Pituitary gland

Hyperplasia, Nos

Stomach

Papillomatosis

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

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**ANIMAL ID:** 6\_803

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Kidney

Liver

Parathyroid gland

Preputial gland

Nephropathy

Metamorphosis, Fatty

Necrosis, Focal

Hyperplasia, Nos

Atrophy, Nos

Cystic Ducts

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 6\_805

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland		Pheochromocytoma
Bone	Vertebra	Fibrous Osteodystrophy
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Angiectasis
	Bile Duct	Cyst, Nos
		Cytoplasmic Change, Basophilic
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
		Neoplastic Nodule
Pancreas	Acinus	Hyperplasia, Nos
Parathyroid gland		Hyperplasia, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Mineralization

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

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**ANIMAL ID:** 6\_807

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart	Inflammation, Chronic
Kidney	Nephropathy
Liver	Angiectasis
	Cytoplasmic Change, Basophilic
	Hepatocytomegaly
	Necrosis, Nos
Lung	Alveolar/Bronchiolar Adenoma
Testis	Interstitial-Cell Tumor
Thyroid	Follicular-Cell Adenoma
Unspecified	Mesothelioma, Nos
	Multiple Organs Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

---

**ANIMAL ID:** 6\_809

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Hyperplasia, Nos

Pheochromocytoma

Heart

Inflammation, Chronic

Kidney

Nephropathy

Liver

Angiectasis

Hepatocytomegaly

Bile Duct

Hyperplasia, Nos

Metamorphosis, Fatty

Necrosis, Nos

Testis

Hyperplasia, Interstitial Cell

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 6\_811

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Left Atrium Nos

Bile Duct

Parathyroid gland

Stomach

Testis

Thymus

Forestomach

Pheochromocytoma

Inflammation, Chronic

Thrombosis, Nos

Nephropathy

Angiectasis

Hepatocytomegaly

Hyperplasia, Nos

Metamorphosis, Fatty

Necrosis, Focal

Neoplastic Nodule

Hyperplasia, Nos

Erosion

Interstitial-Cell Tumor

Hyperplasia, Epithelial

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 6\_813

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Metamorphosis, Fatty

Pheochromocytoma

Heart

Inflammation, Chronic

Kidney

Nephropathy

Liver

Angiectasis

Cytoplasmic Change, Basophilic

Hepatocytomegaly

Bile Duct

Hyperplasia, Nos

Metamorphosis, Fatty

Neoplastic Nodule

Parathyroid gland

Hyperplasia, Nos

Testis

Interstitial-Cell Tumor

Unspecified

Mediastinum Nos

Periarteritis

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

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**ANIMAL ID:** 6\_815

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Medulla

Hyperplasia, Nos

Heart

Inflammation, Chronic

Kidney

Nephropathy

Liver

Angiectasis

Hepatocytomegaly

Bile Duct

Hyperplasia, Nos

Metamorphosis, Fatty

Centrilobular

Necrosis, Nos

Lung

Inflammation, Nos

Testis

Interstitial-Cell Tumor

Thymus

Hyperplasia, Epithelial

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

---

**ANIMAL ID:** 6\_817

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Brain		Necrosis, Hemorrhagic
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver	Centrilobular	Atrophy, Nos
		Necrosis, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

---

**ANIMAL ID:** 6\_819

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Brain

Kidney

Liver

Bile Duct

Prostate

Spleen

Stomach

Forestomach

Mucosa

Testis

Unspecified

Multiple Organs Nos

Abdominal Cavity

Pheochromocytoma

Necrosis, Hemorrhagic

Nephropathy

Hepatocytomegaly

Hyperplasia, Nos

Metamorphosis, Fatty

Necrosis, Nos

Hyperplasia, Nos

Fibrosis, Focal

Erosion

Erosion

Hyperplasia, Interstitial Cell

Leukemia, Mononuclear Cell

Necrosis, Hemorrhagic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 6\_821

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Bile Duct

Pituitary gland

Prostate

Spleen

Testis

Pheochromocytoma

Inflammation, Chronic

Nephropathy

Angiectasis

Cytoplasmic Change, Basophilic

Hepatocytomegaly

Hyperplasia, Nos

Metamorphosis, Fatty

Necrosis, Nos

Hyperplasia, Nos

Necrosis, Focal

Adenoma, Nos

Fibrosis

Interstitial-Cell Tumor

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C06428A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mirex

CAS Number: 2385-85-5

Date Report Requested: 10/26/2014

Time Report Requested: 16:39:36

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 6\_823

TRT#: 6

SEX: Male

DAY ON TEST:

DOSE: 50 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
Heart		Inflammation, Chronic
Kidney	Pelvis	Hyperplasia, Epithelial
		Nephropathy
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
		Necrosis, Nos
		Neoplastic Nodule
Pancreas	Islets	Islet-Cell Adenoma
Parathyroid gland		Hyperplasia, Nos
Pituitary gland		Cyst, Nos
Prostate		Hyperplasia, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Abdominal Cavity	Steatitis

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 6\_825

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Nos
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Angiectasis
		Atrophy, Nos
		Cytoplasmic Change, Basophilic
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
		Necrosis, Nos
Pancreas	Acinus	Atrophy, Nos
	Islets	Islet-Cell Adenoma
Testis		Interstitial-Cell Tumor
Thymus		Hyperplasia, Epithelial
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

---

**ANIMAL ID:** 6\_827

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Liver

Bile Duct

Preputial gland

Testis

Unspecified

Multiple Organs Nos

Nephropathy

Angiectasis

Atrophy, Nos

Hepatocytomegaly

Hyperplasia, Nos

Metamorphosis, Fatty

Neoplastic Nodule

Cyst, Nos

Hyperplasia, Interstitial Cell

Leukemia, Mononuclear Cell

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

---

**ANIMAL ID:** 6\_829

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
	Centrilobular	Necrosis, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



Experiment Number: C06428A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mirex

CAS Number: 2385-85-5

Date Report Requested: 10/26/2014

Time Report Requested: 16:39:36

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 6\_831

TRT#: 6

SEX: Male

DAY ON TEST:

DOSE: 50 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland		Pheochromocytoma, Malignant
Blood vessel	Aorta Nos	Mineralization
Bone	Vertebra	Fibrous Osteodystrophy
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
		Neoplastic Nodule
Pancreas	Acinus	Atrophy, Nos
Parathyroid gland		Hyperplasia, Nos
Skin		Keratoacanthoma
Testis		Interstitial-Cell Tumor
Thyroid		Cystic Follicles

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 6\_833

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Bile Duct

Pancreas

Pituitary gland

Testis

Pheochromocytoma

Inflammation, Chronic

Nephropathy

Angiectasis

Hepatocytomegaly

Hyperplasia, Nos

Neoplastic Nodule

Islet-Cell Adenoma

Adenoma, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 6\_835

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
	Pelvis	Transitional-Cell Papilloma
Liver		Angiectasis
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
		Necrosis, Focal
		Neoplastic Nodule
Pancreas	Islets	Hyperplasia, Nos
Stomach	Forestomach	Ulcer, Nos
Testis		Interstitial-Cell Tumor
Thymus		Hyperplasia, Epithelial
Thyroid		Follicular-Cell Carcinoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

---

**ANIMAL ID:** 6\_837

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Angiectasis
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
		Necrosis, Nos
Parathyroid gland		Hyperplasia, Nos
Spleen		Fibrosis
Testis		Interstitial-Cell Tumor
Unspecified		Fibroma
	Multiple Organs Nos	Leukemia, Mononuclear Cell

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 6\_839

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Pancreas

Prostate

Stomach

Testis

Pelvis

Bile Duct

Centrilobular

Acinus

Pheochromocytoma

Inflammation, Chronic

Hyperplasia, Epithelial

Nephropathy

Angiectasis

Hepatocytomegaly

Hyperplasia, Nos

Metamorphosis, Fatty

Necrosis, Nos

Neoplastic Nodule

Hyperplasia, Nos

Adenoma, Nos

Inflammation, Chronic

Interstitial-Cell Tumor

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

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**ANIMAL ID:** 6\_841

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Hepatocellular Carcinoma
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
		Necrosis, Nos
		Neoplastic Nodule
Spleen		Lymphoma, Nos-Malignant
Testis		Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 6\_843

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Pelvis

Liver

Bile Duct

Parathyroid gland

Pituitary gland

Stomach

Testis

Forestomach

Pheochromocytoma

Inflammation, Chronic

Hyperplasia, Epithelial

Nephropathy

Hepatocytomegaly

Hyperplasia, Nos

Metamorphosis, Fatty

Neoplastic Nodule

Hyperplasia, Nos

Hyperplasia, Focal

Ulcer, Nos

Atrophy, Nos

Interstitial-Cell Tumor

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

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**ANIMAL ID:** 6\_845

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney	Pelvis	Hyperplasia, Epithelial Nephropathy
Liver		Angiectasis Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos Adenoma, Nos
Pituitary gland		Fibrosis
Spleen		Interstitial-Cell Tumor
Testis		Leukemia, Mononuclear Cell
Unspecified	Multiple Organs Nos	

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

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**ANIMAL ID:** 6\_847

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos Neoplastic Nodule
Lung		Inflammation, Interstitial
Spleen		Fibrosis
Testis		Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

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**ANIMAL ID:** 6\_849

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Metamorphosis, Fatty

Heart

Inflammation, Chronic

Kidney

Nephropathy

Liver

Angiectasis

Hepatocytomegaly

Bile Duct

Hyperplasia, Nos

Metamorphosis, Fatty

Necrosis, Nos

Testis

Neoplastic Nodule

Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 6\_851

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Medulla

Hyperplasia, Nos

Heart

Cortex Nos

Metamorphosis, Fatty

Kidney

Inflammation, Chronic

Liver

Nephropathy

Angiectasis

Cytoplasmic Change, Basophilic

Hepatocellular Carcinoma

Hepatocytomegaly

Bile Duct

Hyperplasia, Nos

Metamorphosis, Fatty

Pancreas

Acinar-Cell Adenoma

Parathyroid gland

Hyperplasia, Nos

Pituitary gland

Intermedia

Adenoma, Nos

Stomach

Forestomach

Hyperplasia, Epithelial

Testis

Interstitial-Cell Tumor

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 6\_853

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Nos
Heart		Inflammation, Chronic
Kidney		Nephropathy
	Pelvis	Transitional-Cell Papilloma
Liver		Angiectasis
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
		Neoplastic Nodule
Pancreas	Acinus	Atrophy, Nos
Stomach	Mucosa	Ulcer, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 6\_855

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Bile Duct

Spleen

Testis

Thyroid

Pheochromocytoma

Inflammation, Chronic

Nephropathy

Angiectasis

Cytoplasmic Change, Basophilic

Hepatocytomegaly

Hyperplasia, Nos

Metamorphosis, Fatty

Neoplastic Nodule

Leukemia, Mononuclear Cell

Interstitial-Cell Tumor

Follicular-Cell Adenoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

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**ANIMAL ID:** 6\_857

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Metamorphosis, Fatty

Pheochromocytoma

Kidney

Nephropathy

Liver

Angiectasis

Hepatocytomegaly

Bile Duct

Hyperplasia, Nos

Metamorphosis, Fatty

Necrosis, Nos

Pancreas

Acinus

Atrophy, Nos

Parathyroid gland

Hyperplasia, Nos

Testis

Atrophy, Nos

Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 6\_859

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Angiectasis
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
	Centrilobular	Necrosis, Nos
		Neoplastic Nodule
Lung		Congestion, Chronic Passive
Mammary gland		Cystic Ducts
Parathyroid gland		Hyperplasia, Nos
Stomach	Mucosa	Erosion
Testis		Interstitial-Cell Tumor

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 6\_861

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Bile Duct

Lung

Parathyroid gland

Testis

Pheochromocytoma

Inflammation, Chronic

Nephropathy

Angiectasis

Cytoplasmic Change, Basophilic

Hepatocytomegaly

Hyperplasia, Nos

Metamorphosis, Fatty

Necrosis, Nos

Congestion, Chronic Passive

Hyperplasia, Nos

Interstitial-Cell Tumor

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 6\_863

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Left Atrium Nos

Bile Duct

Centrilobular

Lung

Pancreas

Spleen

Testis

Thyroid

Islets

Pheochromocytoma

Inflammation, Chronic

Thrombosis, Nos

Nephropathy

Angiectasis

Cytoplasmic Change, Basophilic

Hepatocytomegaly

Hyperplasia, Nos

Metamorphosis, Fatty

Necrosis, Nos

Neoplastic Nodule

Congestion, Chronic Passive

Islet-Cell Adenoma

Fibrosis

Interstitial-Cell Tumor

Follicular-Cell Adenoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 6\_865

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Nos
Bone	Vertebra	Liposarcoma
Heart		Inflammation, Chronic
Kidney	Pelvis	Hyperplasia, Epithelial
		Nephropathy
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Pancreas	Islets	Islet-Cell Carcinoma
Parathyroid gland		Hyperplasia, Nos
Testis		Interstitial-Cell Tumor
Thymus		Hyperplasia, Epithelial
Thyroid		Hyperplasia, C Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 6\_867

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Medulla

Hyperplasia, Nos

Heart

Inflammation, Chronic

Left Atrium Nos

Thrombosis, Nos

Kidney

Nephropathy

Liver

Angiectasis

Cytoplasmic Change, Basophilic

Bile Duct

Hyperplasia, Nos

Centrilobular

Necrosis, Nos

Lung

Thrombosis, Nos

Parathyroid gland

Hyperplasia, Nos

Testis

Interstitial-Cell Tumor

Thymus

Papillary Carcinoma

Unspecified

Multiple Organs Nos

Mineralization

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

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**ANIMAL ID:** 6\_869

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Metamorphosis, Fatty

Heart

Inflammation, Chronic

Kidney

Nephropathy

Liver

Angiectasis

Hepatocytomegaly

Bile Duct

Hyperplasia, Nos

Necrosis, Focal

Parathyroid gland

Hyperplasia, Nos

Testis

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

---

**ANIMAL ID:** 6\_871

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Metamorphosis, Fatty

Heart

Inflammation, Chronic

Kidney

Nephropathy

Liver

Hepatocytomegaly

Bile Duct

Hyperplasia, Nos

Necrosis, Nos

Lung

Congestion, Chronic Passive

Prostate

Adenoma, Nos

Testis

Interstitial-Cell Tumor

Thymus

Cyst, Nos

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 6\_873

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
	Pelvis	Transitional-Cell Papilloma
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
		Necrosis, Nos
Pancreas	Islets	Hyperplasia, Nos
Parathyroid gland		Hyperplasia, Nos
Testis		Interstitial-Cell Tumor

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

---

**ANIMAL ID:** 6\_875

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver

Medulla

Hyperplasia, Nos

Nephropathy

Angiectasis

Hepatocytomegaly

Bile Duct

Hyperplasia, Nos

Centrilobular

Necrosis, Nos

Neoplastic Nodule

Stomach

Mucosa

Erosion

Testis

Interstitial-Cell Tumor

Zymbal gland

Sebaceous Adenoma

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 6\_877

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Heart

Left Atrium Nos

Left Ventricle Nos

Kidney

Liver

Bile Duct

Mammary gland

Spleen

Stomach

Testis

Thyroid

Unspecified

Multiple Organs Nos

Pheochromocytoma

Inflammation, Chronic

Thrombosis, Nos

Thrombosis, Nos

Nephropathy

Angiectasis

Fibrosis

Hepatocytomegaly

Hyperplasia, Nos

Necrosis, Nos

Cystic Ducts

Fibrosis

Erosion

Interstitial-Cell Tumor

Cystic Follicles

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

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**ANIMAL ID:** 6\_879

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Heart	Inflammation, Chronic
Kidney	Nephropathy
Liver	Angiectasis
	Cytoplasmic Change, Basophilic
	Hepatocytomegaly
	Necrosis, Nos
Parathyroid gland	Hyperplasia, Nos
Testis	Interstitial-Cell Tumor
Thyroid	Cystic Follicles

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 6\_881

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Left Atrium Nos

Bile Duct

Centrilobular

Parathyroid gland

Pituitary gland

Spleen

Testis

Thyroid

Pheochromocytoma

Inflammation, Chronic

Thrombosis, Nos

Nephropathy

Angiectasis

Hepatocytomegaly

Hyperplasia, Nos

Necrosis, Nos

Hyperplasia, Nos

Hyperplasia, Focal

Fibrosis

Hyperplasia, Interstitial Cell

Cystic Follicles

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 6\_883

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney	Pelvis	Hyperplasia, Epithelial Nephropathy
Liver		Angiectasis Cytoplasmic Change, Basophilic Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos Metamorphosis, Fatty Neoplastic Nodule
Pancreas	Islets	Hyperplasia, Nos
Testis		Interstitial-Cell Tumor
Thymus		Hyperplasia, Epithelial
Thyroid		Hyperplasia, Follicular Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

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**ANIMAL ID:** 6\_885

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Kidney		Nephropathy
Liver		Metamorphosis, Fatty
	Centrilobular	Necrosis, Nos
Preputial gland		Cyst, Nos
		Inflammation, Chronic
Stomach	Forestomach	Hyperplasia, Epithelial

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 6\_887

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Cortical Adenoma

Heart

Pheochromocytoma

Kidney

Inflammation, Chronic

Liver

Nephropathy

Angiectasis

Cytoplasmic Change, Basophilic

Hepatocytomegaly

Bile Duct

Hyperplasia, Nos

Centrilobular

Necrosis, Nos

Neoplastic Nodule

Lung

Alveolar/Bronchiolar Carcinoma

Parathyroid gland

Adenoma, Nos

Hyperplasia, Nos

Testis

Interstitial-Cell Tumor

Thyroid

Cystic Follicles

Unspecified

Abdominal Cavity

Steatitis

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C06428A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mirex

CAS Number: 2385-85-5

Date Report Requested: 10/26/2014

Time Report Requested: 16:39:36

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 6\_889

TRT#: 6

SEX: Male

DAY ON TEST:

DOSE: 50 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Heart		Inflammation, Chronic
Kidney	Pelvis	Hyperplasia, Epithelial
		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
		Neoplastic Nodule
Parathyroid gland		Hyperplasia, Nos
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Abdominal Cavity	Steatitis

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 6\_891

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Pelvis

Liver

Pheochromocytoma

Inflammation, Chronic

Hyperplasia, Epithelial

Nephropathy

Angiectasis

Hepatocellular Carcinoma

Hepatocytomegaly

Bile Duct

Hyperplasia, Nos

Centrilobular

Necrosis, Nos

Neoplastic Nodule

Pancreas

Islets

Islet-Cell Adenoma

Parathyroid gland

Hyperplasia, Nos

Testis

Interstitial-Cell Tumor

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 6\_893

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Bile Duct

Parathyroid gland

Testis

Thymus

Pheochromocytoma

Inflammation, Chronic

Nephropathy

Angiectasis

Cytoplasmic Change, Basophilic

Hepatocytomegaly

Hyperplasia, Nos

Necrosis, Focal

Neoplastic Nodule

Ectopia

Hyperplasia, Nos

Interstitial-Cell Tumor

Hyperplasia, Epithelial

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06428A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mirex

**CAS Number:** 2385-85-5

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

**Time Report Requested:** 16:39:36

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

**Lab:** NA

**ANIMAL ID:** 6\_895

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney	Pelvis	Hyperplasia, Epithelial Nephropathy
Liver		Angiectasis Hepatocellular Carcinoma Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos Metamorphosis, Fatty
Testis	Centrilobular	Necrosis, Nos Interstitial-Cell Tumor
Thyroid	Scrotum Nos	Necrosis, Fat Cystic Follicles

**PRIMARY CAUSE OF DEATH**

-

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