

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

C Number:	C00566
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Female

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_001

TRT#: 1
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Mammary gland		Fibroadenoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_002

TRT#: 1
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Inflammation, Chronic
Lung	Pneumonia, Chronic Murine
Ovary	Cyst, Nos
Pituitary gland	Chromophobe Adenoma
Thyroid	Follicular-Cell Adenoma

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_003

TRT#: 1
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Lung
Mammary gland
Pituitary gland
Spleen
Uterus

Cortex Nos

Degeneration, Nos
Mixed Tumor, Malignant
Pneumonia, Chronic Murine
Fibroadenoma
Chromophobe Adenoma
Hematopoiesis
Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_004

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Blood vessel	Aorta Nos	Calcification, Medial
Intestine Small	Mesentery Nos	Periarteritis
Kidney		Inflammation, Chronic
Liver		Angiectasis
		Metamorphosis, Fatty
Lung		Pneumonia, Chronic Murine
Pancreas		Periarteritis
Thyroid		Cyst, Follicular Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_005

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Pancreas
Spleen

Hemangiosarcoma, Metastatic
Hemangiosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_006

TRT#: 1
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Lung
Pituitary gland

Inflammation, Chronic
Pneumonia, Chronic Murine
Chromophobe Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_007

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Lung

Pyelonephritis, Nos
Calcium Deposit
Pneumonia, Chronic Murine
Thrombus, Organized
Lipoma
Chromophobe Adenoma
Lipoma

Ovary
Pituitary gland
Uterus

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_008

TRT#: 1
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Pituitary gland
Thyroid

Chromophobe Adenoma
Follicular-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_009

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Eye	Inflammation, Nos
Kidney	Inflammation, Chronic
Thyroid	Cyst, Follicular Nos
Vagina	Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_010

TRT#: 1
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Lung

Inflammation, Chronic
Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_011

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Pituitary gland

Calcium Deposit
Chromophobe Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_012

TRT#: 1
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_013

TRT#: 1
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Kidney

Lung

Mammary gland

Pituitary gland

Uterus

Angiectasis

Degeneration, Nos

Inflammation, Chronic

Pneumonia, Chronic Murine

Adenocarcinoma, Nos

Fibroadenoma

Chromophobe Adenoma

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_014

TRT#: 1
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Inflammation, Chronic
Lung	Pneumonia, Chronic Murine
Mammary gland	Fibroadenoma
Pituitary gland	Chromophobe Adenoma
Uterus	Endometrium
	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_015

TRT#: 1
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Pituitary gland		Chromophobe Adenoma
Unspecified	Foot	Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_016

TRT#: 1
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Pituitary gland		Chromophobe Adenoma
Uterus		Hydrometra

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_017

TRT#: 1
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Inflammation, Chronic
Lung	Pneumonia, Chronic Murine
Mammary gland	Adenocarcinoma, Nos
Pituitary gland	Chromophobe Adenoma
Uterus	Hydrometra

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_018

TRT#: 1
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Inflammation, Chronic
Lung	Pneumonia, Chronic Murine
Uterus	Hydrometra

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_019

TRT#: 1
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Angiectasis
Degeneration, Nos
Inflammation, Chronic

Kidney

Liver

Bile Duct

Angiectasis
Hyperplasia, Nos

Mammary gland

Unspecified

Axilla

Fibroadenoma
Fibrosarcoma
Hydrometra

Uterus

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_020

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Angiectasis

Kidney

Degeneration, Nos

Lung

Inflammation, Chronic

Unspecified

Axilla

Pneumonia, Chronic Murine

Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_001

TRT#: 2
DOSE: 89 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic Nephropathy, Toxic
Liver	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Lymph node	Cervical Lymph Node Nos	Lymphangiectasis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_002

TRT#: 2
DOSE: 89 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic Nephropathy, Toxic
Liver	Bile Duct	Dilatation, Nos Peliosis Hepatis
Lung		Pneumonia, Chronic Murine
Ovary		Cyst, Nos Granulosa-Cell Tumor

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_003

TRT#: 2
DOSE: 89 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Nephropathy, Toxic
Lung	Pneumonia, Chronic Murine
Mammary gland	Fibroadenoma
Pituitary gland	Chromophobe Adenoma
Uterus	Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_004

TRT#: 2
DOSE: 89 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney

Calcium Deposit

Lung

Nephropathy, Toxic

Pituitary gland

Pneumonia, Chronic Murine

Uterus

Chromophobe Adenoma

Hydrometra

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_005

TRT#: 2
DOSE: 89 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney

Cortex Nos

Degeneration, Nos
Inflammation, Chronic
Nephropathy, Toxic
Pneumonia, Chronic Murine
Fibroadenoma
Chromophobe Adenoma
Hydrometra

Lung
Mammary gland
Pituitary gland
Uterus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_007

TRT#: 2
DOSE: 89 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Blood vessel
Intestine Small
Kidney

Aorta Nos
Mesentery Nos

Liver
Lung
Pancreas
Parathyroid gland
Stomach

Angiectasis
Calcification, Medial
Periarteritis
Inflammation, Chronic
Nephropathy, Toxic
Metamorphosis, Fatty
Pneumonia, Chronic Murine
Periarteritis
Hyperplasia, Nos
Calcium Deposit

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_008

TRT#: 2
DOSE: 89 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Kidney

Pituitary gland

Angiectasis
Degeneration, Nos
Calcium Deposit
Nephropathy, Toxic
Chromophobe Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_009

TRT#: 2
DOSE: 89 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Lung
Pituitary gland

Angiectasis
Nephropathy, Toxic
Pneumonia, Chronic Murine
Chromophobe Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_010

TRT#: 2
DOSE: 89 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Angiectasis
	Bile Duct	Hyperplasia, Nos
		Peliosis Hepatis
Lung		Pneumonia, Chronic Murine
Mammary gland		Fibroadenoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_011

TRT#: 2
DOSE: 89 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain

Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_012

TRT#: 2
DOSE: 89 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large
Kidney
Liver
Pancreas
Pituitary gland

Large Intestine, Colon

Fibrosarcoma
Nephropathy, Toxic
Metamorphosis, Fatty
Fibrosarcoma, Metastatic
Chromophobe Adenoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_013

TRT#: 2
DOSE: 89 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Nephropathy, Toxic
Liver	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Pituitary gland		Chromophobe Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_014

TRT#: 2
DOSE: 89 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain

Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_015

TRT#: 2
DOSE: 89 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Lung

Nephropathy, Toxic
Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_016

TRT#: 2
DOSE: 89 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Blood vessel
Brain

Aorta Nos

Periarteritis
Astrocytoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_017

TRT#: 2
DOSE: 89 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_018

TRT#: 2
DOSE: 89 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung
Pituitary gland

Pneumonia, Chronic Murine
Chromophobe Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_019

TRT#: 2
DOSE: 89 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_020

TRT#: 2
DOSE: 89 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Calcium Deposit
		Nephropathy, Toxic
Liver	Bile Duct	Hyperplasia, Nos
Stomach		Calcium Deposit
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_021

TRT#: 2
DOSE: 89 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_022

TRT#: 2
DOSE: 89 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain

Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_023

TRT#: 2
DOSE: 89 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Liver

Lung
Mammary gland
Pituitary gland

Angiectasis
Nephropathy, Toxic
Angiectasis
Peliosis Hepatis
Pneumonia, Chronic Murine
Fibroadenoma
Chromophobe Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_024

TRT#: 2
DOSE: 89 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung
Lymph node

Cervical Lymph Node Nos

Pneumonia, Chronic Murine
Lymphoma, Lymphocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_025

TRT#: 2
DOSE: 89 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Liver
Lung
Mammary gland
Thyroid

Cortical Adenoma
Nephropathy, Toxic
Focal Cellular Change
Pneumonia, Chronic Murine
Fibroadenoma
Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_026

TRT#: 2
DOSE: 89 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Lung
Mammary gland
Pituitary gland
Unspecified

Multiple Organs Nos

Angiectasis
Pneumonia, Chronic Murine
Fibroadenoma
Chromophobe Adenoma
Lymphoma, Histiocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_027

TRT#: 2
DOSE: 89 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Liver

Bile Duct

Lung

Nephropathy, Toxic
Angiectasis
Hyperplasia, Nos
Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_028

TRT#: 2
DOSE: 89 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Inflammation, Chronic Mixed Tumor, Malignant
Liver	Inflammation, Nos
Lung	Mixed Tumor, Metastatic
Mammary gland	Fibroadenoma
Thyroid	Follicular-Cell Carcinoma

PRIMARY CAUSE OF DEATH -

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_029

TRT#: 2
DOSE: 89 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Nephropathy, Toxic
Liver		Angiectasis
Lung		Pneumonia, Chronic Murine
Pituitary gland		Chromophobe Adenoma
Unspecified	Groin	Fibroma
Uterus		Hydrometra
Vagina		Inflammation, Nos

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_030

TRT#: 2
DOSE: 89 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Nephropathy, Toxic
Lung		Pneumonia, Chronic Murine
Lymph node	Cervical Lymph Node Nos	Lymphangiectasis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_031

TRT#: 2
DOSE: 89 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung
Mammary gland
Spleen
Unspecified
Uterus

Foot

Pneumonia, Chronic Murine
Adenocarcinoma, Nos
Hematopoiesis
Fibrosarcoma
Endometrial Stromal Polyp
Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_032

TRT#: 2
DOSE: 89 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain

Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_033

TRT#: 2
DOSE: 89 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Nephropathy, Toxic
Lung	Pneumonia, Chronic Murine
Pituitary gland	Chromophobe Adenoma
Skin	Abscess, Nos
	Inflammation, Nos
Vagina	Inflammation, Nos

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_035

TRT#: 2
DOSE: 89 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Lung
Mammary gland

Angiectasis
Pneumonia, Chronic Murine
Fibroadenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_036

TRT#: 2
DOSE: 89 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Lung

Nephropathy, Toxic

Mammary gland

Pneumonia, Chronic Murine

Uterus

Adenocarcinoma, Nos

Hydrometra

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_038

TRT#: 2
DOSE: 89 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Lung
Mammary gland

Nephropathy, Toxic
Pneumonia, Chronic Murine
Adenocarcinoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_039

TRT#: 2
DOSE: 89 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Nephropathy, Toxic
Liver	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Mammary gland		Fibroadenoma
Ovary		Leiomyosarcoma, Metastatic
Uterus		Leiomyosarcoma

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_040

TRT#: 2
DOSE: 89 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney

Angiectasis
Inflammation, Chronic
Mixed Tumor, Malignant
Nephropathy, Toxic
Fibroadenoma
Chromophobe Adenoma

Mammary gland
Pituitary gland

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_041

TRT#: 2
DOSE: 89 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain
Kidney

Hemorrhage
Nephrosis, Hydro

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_042

TRT#: 2
DOSE: 89 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain

Angiectasis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_043

TRT#: 2
DOSE: 89 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Angiectasis

Lung

Degeneration, Nos

Uterus

Endometrium

Pneumonia, Chronic Murine

Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_044

TRT#: 2
DOSE: 89 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Liver
Lung

Nephropathy, Toxic
Hepatocellular Carcinoma
Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_045

TRT#: 2
DOSE: 89 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Nephropathy, Toxic
Lung	Pneumonia, Chronic Murine
Mammary gland	Fibroadenoma
Pituitary gland	Chromophobe Adenoma
Thyroid	Cyst, Follicular Nos
Uterus	Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_046

TRT#: 2
DOSE: 89 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Liver
Lung
Mammary gland
Uterus

Cortical Adenoma
Nephropathy, Toxic
Metamorphosis, Fatty
Pneumonia, Chronic Murine
Fibroadenoma
Hydrometra

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_047

TRT#: 2
DOSE: 89 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Ovary
Spleen
Thyroid

Cyst, Hemorrhagic
Hematopoiesis
Cyst, Follicular Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_048

TRT#: 2
DOSE: 89 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Nephropathy, Toxic
Liver	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Pituitary gland		Chromophobe Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_049

TRT#: 2
DOSE: 89 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain

Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_050

TRT#: 2
DOSE: 89 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Angiectasis

Kidney

Degeneration, Nos

Liver

Nephropathy, Toxic

Angiectasis

Lung

Metamorphosis, Fatty

Mammary gland

Pneumonia, Chronic Murine

Pituitary gland

Fibroadenoma

Chromophobe Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_001

TRT#: 3
DOSE: 178 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Nephropathy, Toxic
Liver	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Lung		Pneumonia, Chronic Murine
Pituitary gland		Chromophobe Adenoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_002

TRT#: 3
DOSE: 178 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Nephropathy, Toxic
Liver	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Pituitary gland		Chromophobe Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_003

TRT#: 3
DOSE: 178 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney

Nephropathy, Toxic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_004

TRT#: 3
DOSE: 178 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Kidney

Lung

Uterus

Angiectasis

Degeneration, Nos

Nephropathy, Toxic

Pneumonia, Chronic Murine

Hydrometra

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_005

TRT#: 3
DOSE: 178 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Nephropathy, Toxic
Lung		Pneumonia, Chronic Murine
Lymph node	Cervical Lymph Node Nos	Lymphangiectasis
Mammary gland		Fibroadenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_006

TRT#: 3
DOSE: 178 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain
Trachea

Astrocytoma
Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_007

TRT#: 3
DOSE: 178 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Pneumonia, Chronic Murine
Spleen	Hematopoiesis
Unspecified	Abscess, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_008

TRT#: 3
DOSE: 178 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Lung

Nephropathy, Toxic
Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_009

TRT#: 3
DOSE: 178 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Nephropathy, Toxic
Liver	Bile Duct	Dilatation, Nos Peliosis Hepatis
Lung		Pneumonia, Chronic Murine
Mammary gland		Fibroadenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_010

TRT#: 3
DOSE: 178 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Spleen

Mixed Tumor, Malignant
Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_011

TRT#: 3
DOSE: 178 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_012

TRT#: 3
DOSE: 178 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Pneumonia, Chronic Murine
Lymph node	Cervical Lymph Node Nos	Lymphangiectasis
Spleen		Hematopoiesis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_013

TRT#: 3
DOSE: 178 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung
Mammary gland
Pituitary gland
Thyroid

Pneumonia, Chronic Murine
Fibroadenoma
Chromophobe Adenoma
C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_014

TRT#: 3
DOSE: 178 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney

Nephropathy, Toxic

Lung

Pyelonephritis, Nos
Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_015

TRT#: 3
DOSE: 178 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Nephropathy, Toxic
Liver	Hepatocellular Carcinoma
Lung	Pneumonia, Chronic Murine
Spleen	Hemangiosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_016

TRT#: 3
DOSE: 178 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Hemangiosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_020

TRT#: 3
DOSE: 178 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney

Liver

Lung

Bile Duct

Nephropathy, Toxic

Hyperplasia, Nos

Metamorphosis, Fatty

Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_021

TRT#: 3
DOSE: 178 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Nephropathy, Toxic
Lung	Pneumonia, Chronic Murine
Thymus	Cyst, Nos
Vagina	Leiomyoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_022

TRT#: 3
DOSE: 178 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Lung
Mammary gland

Nephropathy, Toxic
Pneumonia, Chronic Murine
Fibroadenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_023

TRT#: 3
DOSE: 178 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Lung

Nephropathy, Toxic
Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_024

TRT#: 3
DOSE: 178 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney

Nephropathy, Toxic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_025

TRT#: 3
DOSE: 178 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Lung
Mammary gland

Nephropathy, Toxic
Pneumonia, Chronic Murine
Fibroadenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_026

TRT#: 3
DOSE: 178 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Nephropathy, Toxic

Tubular-Cell Adenoma

Lung

Pneumonia, Chronic Murine

Mammary gland

Fibroadenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_027

TRT#: 3
DOSE: 178 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Liver
Lymph node
Stomach

Bile Duct
Cervical Lymph Node Nos

Angiectasis
Hyperplasia, Nos
Inflammation, Nos
Ulcer, Focal

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_028

TRT#: 3
DOSE: 178 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Lung

Nephropathy, Toxic
Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_029

TRT#: 3
DOSE: 178 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Lung

Nephropathy, Toxic
Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_030

TRT#: 3
DOSE: 178 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Lung
Pituitary gland

Nephropathy, Toxic
Pneumonia, Chronic Murine
Chromophobe Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_031

TRT#: 3
DOSE: 178 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Lung
Stomach

Nephropathy, Toxic
Pneumonia, Chronic Murine
Ulcer, Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_032

TRT#: 3
DOSE: 178 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Lung
Pancreas

Nephropathy, Toxic
Pneumonia, Chronic Murine
Periarteritis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_034

TRT#: 3
DOSE: 178 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Pneumonia, Chronic Murine
Ovary	Cyst, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_035

TRT#: 3
DOSE: 178 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Lung
Stomach

Liposarcoma
Pneumonia, Chronic Murine
Calcium Deposit

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_036

TRT#: 3
DOSE: 178 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney

Calcium Deposit
Inflammation, Chronic
Nephropathy, Toxic
Pneumonia, Chronic Murine
Chromophobe Adenoma

Lung

Pituitary gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_037

TRT#: 3
DOSE: 178 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Nephropathy, Toxic
Lung	Pneumonia, Chronic Murine
Mammary gland	Fibroadenoma
Thyroid	Follicular-Cell Carcinoma
Uterus	Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH -

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_038

TRT#: 3
DOSE: 178 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver	Bile Duct	Dilatation, Nos
	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Mammary gland		Adenocarcinoma, Nos
Pituitary gland		Chromophobe Adenoma
Skin		Abscess, Nos
		Inflammation, Nos
Spleen		Hematopoiesis

PRIMARY CAUSE OF DEATH -

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_039

TRT#: 3
DOSE: 178 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Lung
Mammary gland

Nephropathy, Toxic
Pneumonia, Chronic Murine
Fibroadenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_040

TRT#: 3
DOSE: 178 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney

Nephropathy, Toxic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_041

TRT#: 3
DOSE: 178 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Mammary gland

Fibroadenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_042

TRT#: 3
DOSE: 178 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Pneumonia, Chronic Murine
Lymph node	Cervical Lymph Node Nos	Inflammation, Nos
Mammary gland		Fibroadenoma
Uterus		Hydrometra

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_043

TRT#: 3
DOSE: 178 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic
Nephropathy, Toxic

Liver

Peliosis Hepatis

Lung

Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_044

TRT#: 3
DOSE: 178 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Endocardium Nos Myocardium Nos	Inflammation, Nos Inflammation, Nos
Kidney		Inflammation, Chronic Nephropathy, Toxic
Lung		Pneumonia, Chronic Murine
Pancreas		Periarteritis
Pituitary gland		Chromophobe Adenoma
Stomach		Ulcer, Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_045

TRT#: 3
DOSE: 178 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung
Mammary gland
Pituitary gland

Pneumonia, Chronic Murine
Fibroadenoma
Chromophobe Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_046

TRT#: 3
DOSE: 178 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Nephropathy, Toxic
Liver	Angiectasis
Lung	Pneumonia, Chronic Murine
Uterus	Hydrometra

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_048

TRT#: 3
DOSE: 178 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Nos
	Pericardium Nos	Inflammation, Nos
Lung		Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_049

TRT#: 3
DOSE: 178 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung
Pituitary gland

Pneumonia, Chronic Murine
Chromophobe Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00566
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endosulfan
CAS Number: 115-29-7

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:42
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_050

TRT#: 3
DOSE: 178 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Kidney

Lung

Spleen

Angiectasis

Degeneration, Nos

Inflammation, Chronic

Nephropathy, Toxic

Pneumonia, Chronic Murine

Hematopoiesis

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****