Test Type: Long-Term

Route: Dosed-Feed Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:38

First Dose M/F: NA / NA

Lab: NA

C Number: C00566

Cage Range: ΑII

Date Range: ΑII

Reasons For Removal: ΑII

Removal Date Range: ΑII

Treatment Groups: ΑII

Study Gender: Male

Species/Strain: Mouse/B6C3F1

Back

Test Type: Long-Term

Route: Dosed-Feed

Unspecified

PRIMARY CAUSE OF DEATH

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Fibrosarcoma

Date Report Requested: 10/26/2014
Time Report Requested: 13:33:38

First Dose M/F: NA / NA

| ANIMAL ID: 1_001 | TRT#: 1 DOSE: 0 | SEX: Male DISP: Scheduled Sacrifice | DAY ON TEST: HISTO: | |
|------------------|--------------------|-------------------------------------|------------------------|--|
| OBSERVATIONS | | | | |
| Pancreas | | Atrophy, Nos | | |
| | | Cyst, Nos | | |
| Skin | | Cyst. Epidermal Inclusion | | |

^{*} PROTOCOL REQUIRED TISSUE

Species/Strain: Mouse/B6C3F1

PRIMARY CAUSE OF DEATH

Test Type: Long-Term
Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:33:38

First Dose M/F: NA / NA

| ANIMAL ID: 1_002 | TRT#: 1 | SEX: Male | DAY ON TEST: | |
|------------------|----------------|---------------------|--------------|--|
| | DOSE: 0 | DISP: Natural Death | HISTO: | |
| OBSERVATIONS | | | | |
| Spleen | | Hematopoiesis | | |
| Unspecified | Back | Fibrosarcoma | | |

^{*} PROTOCOL REQUIRED TISSUE

Species/Strain: Mouse/B6C3F1

PRIMARY CAUSE OF DEATH

Test Type: Long-Term

Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:38

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_003

TRT#: 1
DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney
Lung
Spleen

Amyloidosis
Amyloidosis
Amyloidosis
Amyloidosis
Amyloidosis

^{*} PROTOCOL REQUIRED TISSUE

Test Type: Long-Term
Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:33:38

First Dose M/F: NA / NA

Lab: NA

| ANIMAL ID: 1 004 | TRT#: 1 | SEX: Male | DAY ON TEST: | |
|------------------------|-----------------|-----------------------|--------------|--|
| | DOSE : 0 | DISP: Natural Death | HISTO: | |
| OBSERVATIONS | | | | |
| Intestine Large | Colon | Nematodiasis | | |
| Kidney | | Inflammation, Chronic | | |
| Spleen | | Amyloidosis | | |
| PRIMARY CAUSE OF DEATH | - | | | |

^{*} PROTOCOL REQUIRED TISSUE

Species/Strain: Mouse/B6C3F1

Test Type: Long-Term
Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:33:38

First Dose M/F: NA / NA

| ANIMAL ID: 1_005 | TRT#: 1 DOSE: 0 | SEX: Male DISP: Natural Death | DAY ON TEST: HISTO: | |
|-------------------------|--------------------|-------------------------------|------------------------|--|
| OBSERVATIONS | | | | |
| Spleen | | Amyloidosis | | |
| Unspecified | Back | Fibrosarcoma | | |
| PRIMARY CALISE OF DEATH | _ | | | |

Test Type: Long-Term
Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:33:38

First Dose M/F: NA / NA

Lab: NA

| ANIMAL ID: 1_007 | TRT#: 1 DOSE: 0 | SEX: Male DISP: Natural Death | DAY ON TEST: HISTO: | |
|------------------------|--------------------|-------------------------------|------------------------|--|
| OBSERVATIONS | | | | |
| Kidney | | Inflammation, Chronic | | |
| Spleen | | Amyloidosis | | |
| PRIMARY CAUSE OF DEATH | - | | | |

Test Type: Long-Term

Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:38

First Dose M/F: NA / NA

Lab: NA

DAY ON TEST:

Species/Strain: Mouse/B6C3F1

PRIMARY CAUSE OF DEATH

ANIMAL ID: 1_009 **TRT#:** 1 **DOSE:** 0

SEX: Male

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney
Unspecified Multiple Organs Nos

Inflammation, Chronic Amyloidosis

^{*} PROTOCOL REQUIRED TISSUE

Test Type: Long-Term

Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:38

First Dose M/F: NA / NA

Lab: NA

DAY ON TEST:

Species/Strain: Mouse/B6C3F1

 SEX: Male

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver Hyperplasia, Nodular

PRIMARY CAUSE OF DEATH

Species/Strain: Mouse/B6C3F1

PRIMARY CAUSE OF DEATH

Test Type: Long-Term

Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:38

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_012 TRT#: 1 SEX: Male DAY ON TEST:
DOSE: 0 DISP: Scheduled Sacrifice HISTO:

OBSERVATIONS
Kidney Amyloidosis
Inflammation, Chronic

^{*} PROTOCOL REQUIRED TISSUE

Test Type: Long-Term

Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Endosulfan

CAS Number: 115-29-7

Ti.

Date Report Requested: 10/26/2014

Time Report Requested: 13:33:38

First Dose M/F: NA / NA

Lab: NA

Species/Strain: Mouse/B6C3F1

PRIMARY CAUSE OF DEATH

ANIMAL ID: 1_013 **TRT#:** 1 **DOSE:** 0

SEX: Male

DISP: Natural Death

HISTO:

DAY ON TEST:

OBSERVATIONS

Kidney

Inflammation, Chronic

^{*} PROTOCOL REQUIRED TISSUE

Species/Strain: Mouse/B6C3F1

Test Type: Long-Term

Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:38

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_014 TRT#: 1 SEX: Male DAY ON TEST: DOSE: 0 DISP: Natural Death HISTO:

OBSERVATIONS

Kidney Inflammation, Chronic Liver Amyloidosis

Lung Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

Test Type: Long-Term
Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:33:38

First Dose M/F: NA / NA

Lab: NA

| ANIMAL ID: 1_015 | TRT#: 1 DOSE: 0 | SEX: Male DISP: Natural Death | DAY ON TEST: HISTO: | |
|-------------------------|---------------------|-------------------------------|------------------------|--|
| OBSERVATIONS | | | | |
| Kidney | | Inflammation, Chronic | | |
| Unspecified | Multiple Organs Nos | Amyloidosis | | |
| PRIMARY CAUSE OF DEATH | - | | | |

^{*} PROTOCOL REQUIRED TISSUE

Species/Strain: Mouse/B6C3F1

Test Type: Long-Term Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA Test Compound: Endosulfan

CAS Number: 115-29-7

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:38

First Dose M/F: NA / NA

| ANIMAL ID: 1_016 | TRT# : 1 | SEX: Male | DAY ON TEST: | |
|-------------------------|-----------------|-----------------------|--------------|--|
| | DOSE: 0 | DISP: Natural Death | HISTO: | |
| OBSERVATIONS | | | | |
| Kidney | | Amyloidosis | | |
| | | Inflammation, Chronic | | |

Test Type: Long-Term

Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:39

First Dose M/F: NA / NA

Lab: NA

| ANIMAL ID: 1_017 | TRT#: 1 DOSE: 0 | SEX: Male DISP: Natural Death | DAY ON TEST: HISTO: | |
|------------------------|---------------------|-------------------------------|------------------------|--|
| OBSERVATIONS | | | | |
| Kidney | | Inflammation, Chronic | | |
| Liver | | Hepatocellular Carcinoma | | |
| Unspecified | Multiple Organs Nos | Amyloidosis | | |
| PRIMARY CAUSE OF DEATH | - | | | |

Test Type: Long-Term
Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:33:39

First Dose M/F: NA / NA

Lab: NA

| ANIMAL ID: 1_018 | TRT#: 1 DOSE: 0 | SEX: Male DISP: Natural Death | DAY ON TEST: HISTO: | |
|-------------------------|---------------------|-------------------------------|------------------------|---|
| | DO3E. 0 | DISF. Natural Death | пізто. | |
| OBSERVATIONS | | | | |
| Kidney | | Inflammation, Chronic | | |
| Unspecified | Multiple Organs Nos | Amyloidosis | | |
| PRIMARY CAUSE OF DEATH | - | | | · |

Species/Strain: Mouse/B6C3F1

Test Type: Long-Term
Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:39

First Dose M/F: NA / NA

| ANIMAL ID: 1_019 | TRT#: 1 DOSE: 0 | SEX: Male DISP: Natural Death | DAY ON TEST: HISTO: | |
|------------------------|---------------------|-------------------------------|------------------------|--|
| OBSERVATIONS | | | | |
| Kidney | | Inflammation, Chronic | | |
| Unspecified | Multiple Organs Nos | Amyloidosis | | |
| PRIMARY CAUSE OF DEATH | - | | | |

Species/Strain: Mouse/B6C3F1

PRIMARY CAUSE OF DEATH

Test Type: Long-Term
Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:39

First Dose M/F: NA / NA

| ANIMAL ID: 1_020 | TRT#: 1 | SEX: Male | DAY ON TEST: |
|------------------|---------------------|-----------------------|--------------|
| | DOSE: 0 | DISP: Natural Death | HISTO: |
| OBSERVATIONS | | | |
| Kidney | | Inflammation, Chronic | |
| Unspecified | Multiple Organs Nos | Amyloidosis | |

Test Type: Long-Term
Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:39

First Dose M/F: NA / NA

Lab: NA

| ANIMAL ID: 2_001 | TRT#: 2 DOSE: 3 PPM | SEX: Male DISP: Scheduled Sacrifice | DAY ON TEST: HISTO: | |
|------------------------|------------------------|-------------------------------------|------------------------|--|
| OBSERVATIONS | | | | |
| Kidney | | Inflammation, Chronic | | |
| Unspecified | Multiple Organs Nos | Amyloidosis | | |
| PRIMARY CAUSE OF DEATH | _ | | | |

Test Type: Long-Term
Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:39

First Dose M/F: NA / NA

Lab: NA

| ANIMAL ID: 2_003 | TRT#: 2 DOSE: 3 PPM | SEX: Male DISP: Natural Death | DAY ON TEST: HISTO: | |
|------------------------|------------------------|-------------------------------|------------------------|--|
| OBSERVATIONS | | | | |
| Kidney | | Inflammation, Chronic | | |
| Unspecified | Multiple Organs Nos | Amyloidosis | | |
| PRIMARY CAUSE OF DEATH | - | | | |

^{*} PROTOCOL REQUIRED TISSUE

Test Type: Long-Term

Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:39

First Dose M/F: NA / NA

Lab: NA

DAY ON TEST:

Species/Strain: Mouse/B6C3F1

PRIMARY CAUSE OF DEATH

ANIMAL ID: 2_004 **TRT#:** 2 **DOSE:** 3 PPM

SEX: Male
DISP: Natural Death

HISTO:

OBSERVATIONSKidney

Unspecified Multiple Organs Nos

Nephrosis, Hydro Amyloidosis

^{*} PROTOCOL REQUIRED TISSUE

Test Type: Long-Term
Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:39

First Dose M/F: NA / NA

Lab: NA

| ANIMAL ID: 2_005 | TRT#: 2 DOSE: 3 PPM | SEX: Male DISP: Natural Death | DAY ON TEST: HISTO: | |
|------------------------|------------------------|-------------------------------|------------------------|--|
| OBSERVATIONS | | | | |
| Unspecified | Multiple Organs Nos | Amyloidosis | | |
| PRIMARY CAUSE OF DEATH | - | | | |

Test Type: Long-Term
Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:39

First Dose M/F: NA / NA

Lab: NA

| ANIMAL ID: 2_006 | TRT#: 2 DOSE: 3 PPM | SEX: Male DISP: Natural Death | DAY ON TEST: HISTO: | |
|------------------------|------------------------|-------------------------------|------------------------|--|
| OBSERVATIONS | | | | |
| Kidney | | Inflammation, Chronic | | |
| Unspecified | Multiple Organs Nos | Amyloidosis | | |
| PRIMARY CAUSE OF DEATH | - | | | |

Species/Strain: Mouse/B6C3F1

Test Type: Long-Term
Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:39

First Dose M/F: NA / NA

| ANIMAL ID: 2_007 | TRT#: 2 DOSE: 3 PPM | SEX: Male DISP: Natural Death | DAY ON TEST: HISTO: | |
|------------------------|------------------------|-------------------------------|------------------------|--|
| OBSERVATIONS | | | | |
| Kidney | | Inflammation, Chronic | | |
| Unspecified | Multiple Organs Nos | Amyloidosis | | |
| PRIMARY CAUSE OF DEATH | - | | | |

Species/Strain: Mouse/B6C3F1

PRIMARY CAUSE OF DEATH

Test Type: Long-Term
Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:39

First Dose M/F: NA / NA

| ANIMAL ID: 2_008 | TRT#: 2 | SEX: Male | DAY ON TEST: | |
|------------------|---------------------|-----------------------|--------------|--|
| | DOSE: 3 PPM | DISP: Natural Death | HISTO: | |
| OBSERVATIONS | | | | |
| Kidney | | Inflammation, Chronic | | |
| Testis | | Atrophy, Nos | | |
| | | Inflammation, Chronic | | |
| Unspecified | Multiple Organs Nos | Amyloidosis | | |

^{*} PROTOCOL REQUIRED TISSUE

Test Type: Long-Term
Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:39

First Dose M/F: NA / NA

Lab: NA

| ANIMAL ID: 2_009 | TRT#: 2 DOSE: 3 PPM | SEX: Male DISP: Natural Death | DAY ON TEST: HISTO: | |
|------------------------|------------------------|-------------------------------|------------------------|--|
| OBSERVATIONS | | | | |
| Heart | Myocardium Nos | Inflammation, Nos | | |
| Kidney | | Inflammation, Chronic | | |
| Lung | | Pneumonia, Chronic Murine | | |
| Unspecified | Multiple Organs Nos | Amyloidosis | | |
| PRIMARY CAUSE OF DEATH | - | | | |

Test Type: Long-Term

Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:39

First Dose M/F: NA / NA

Lab: NA

| ANIMAL ID: 2 010 | TRT#: 2 | SEX: Male | DAY ON TEST: | |
|------------------------|---------------------|---------------------------|--------------|--|
| | DOSE: 3 PPM | DISP: Natural Death | HISTO: | |
| OBSERVATIONS | | | | |
| Kidney | | Pyelonephritis, Nos | | |
| Lung | | Pneumonia, Chronic Murine | | |
| Unspecified | Multiple Organs Nos | Amyloidosis | | |
| PRIMARY CAUSE OF DEATH | - | | | |

^{*} PROTOCOL REQUIRED TISSUE

Species/Strain: Mouse/B6C3F1

PRIMARY CAUSE OF DEATH

Test Type: Long-Term
Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:39

First Dose M/F: NA / NA

| ANIMAL ID: 2_011 | TRT#: 2 | SEX: Male | DAY ON TEST: | |
|------------------|----------------|----------------------------------|--------------|--|
| | DOSE: 3 PPM | DISP: Scheduled Sacrifice | HISTO: | |
| OBSERVATIONS | | | | |
| Kidney | | Amyloidosis | | |
| | | Cyst, Nos | | |
| | | Inflammation, Chronic | | |

Test Type: Long-Term
Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:39

First Dose M/F: NA / NA

Lab: NA

| ANIMAL ID: 2_012 | TRT#: 2 | SEX: Male | DAY ON TEST: |
|-------------------------|----------------|----------------------------------|--------------|
| | DOSE: 3 PPM | DISP: Scheduled Sacrifice | HISTO: |
| OBSERVATIONS | | | |
| Kidney | | Cyst, Nos | |
| | | Inflammation, Chronic | |
| | | Nephrosis, Hydro | |
| Liver | | Angiectasis | |
| Preputial gland | | Inflammation, Nos | |
| Skin | | Cyst, Epidermal Inclusion | |
| | | Inflammation, Nos | |
| Spleen | | Amyloidosis | |
| Unspecified | | Abscess, Nos | |
| PRIMARY CAUSE OF DEATH | - | | |

^{*} PROTOCOL REQUIRED TISSUE

Test Type: Long-Term
Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:39

First Dose M/F: NA / NA

Lab: NA

| ANIMAL ID: 2_013 | TRT#: 2 | SEX: Male | DAY ON TEST: | |
|------------------|----------------|----------------------------------|--------------|--|
| | DOSE: 3 PPM | DISP: Scheduled Sacrifice | HISTO: | |
| BSERVATIONS | | | | |
| Kidney | | Amyloidosis | | |
| | | Inflammation, Chronic | | |
| | | Nephrosis, Hydro | | |
| Liver | | Hepatocellular Carcinoma | | |

^{*} PROTOCOL REQUIRED TISSUE

Test Type: Long-Term
Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:39

First Dose M/F: NA / NA

Lab: NA

| ANIMAL ID: 2_014 | TRT#: 2 DOSE: 3 PPM | SEX: Male DISP: Natural Death | DAY ON TEST: HISTO: | |
|------------------------|------------------------|-------------------------------|------------------------|--|
| OBSERVATIONS | | | | |
| Kidney | | Inflammation, Chronic | | |
| Unspecified | Multiple Organs Nos | Amyloidosis | | |
| PRIMARY CAUSE OF DEATH | - | | | |

Test Type: Long-Term

Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:39

First Dose M/F: NA / NA

Lab: NA

| ANIMAL ID: 2_016 | TRT#: 2 DOSE: 3 PPM | SEX: Male DISP: Natural Death | DAY ON TEST: HISTO: | |
|------------------------|------------------------|-------------------------------|------------------------|--|
| OBSERVATIONS | | | | |
| Kidney | | Inflammation, Chronic | | |
| Lung | | Pneumonia, Chronic Murine | | |
| Unspecified | Multiple Organs Nos | Amyloidosis | | |
| PRIMARY CAUSE OF DEATH | - | | | |

^{*} PROTOCOL REQUIRED TISSUE

Species/Strain: Mouse/B6C3F1

PRIMARY CAUSE OF DEATH

Test Type: Long-Term

Route: Dosed-Feed

OBSERVATIONS

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:39

First Dose M/F: NA / NA

Lab: NA

DAY ON TEST: **TRT#:** 2 **ANIMAL ID: 2_017** SEX: Male DOSE: 3 PPM **DISP:** Natural Death

HISTO:

Inflammation, Chronic Kidney Unspecified Multiple Organs Nos Amyloidosis

Test Type: Long-Term
Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:39

First Dose M/F: NA / NA

Lab: NA

| ANIMAL ID: 2_018 | TRT#: 2 DOSE: 3 PPM | SEX: Male DISP: Natural Death | DAY ON TEST: HISTO: | |
|------------------------|------------------------|-------------------------------|------------------------|--|
| OBSERVATIONS | | | | |
| Kidney | | Inflammation, Chronic | | |
| Unspecified | Multiple Organs Nos | Amyloidosis | | |
| PRIMARY CAUSE OF DEATH | | | | |

Test Type: Long-Term

Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:39

First Dose M/F: NA / NA

Lab: NA

DAY ON TEST:

Species/Strain: Mouse/B6C3F1

PRIMARY CAUSE OF DEATH

ANIMAL ID: 2_019 **TRT#:** 2

DOSE: 3 PPM

Multiple Organs Nos

SEX: Male

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney Unspecified Inflammation, Chronic

Amyloidosis

^{*} PROTOCOL REQUIRED TISSUE

Test Type: Long-Term

Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:39

First Dose M/F: NA / NA

Lab: NA

DAY ON TEST:

Species/Strain: Mouse/B6C3F1

ANIMAL ID: 2_024 **TRT#:** 2

DOSE: 3 PPM

SEX: Male

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver

PRIMARY CAUSE OF DEATH

Hepatocellular Carcinoma

^{*} PROTOCOL REQUIRED TISSUE

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA Test Compound: Endosulfan

CAS Number: 115-29-7

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:39

First Dose M/F: NA / NA

Lab: NA

Test Type: Long-Term Route: Dosed-Feed

ANIMAL ID: 2_025

Species/Strain: Mouse/B6C3F1

TRT#: 2 SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Cyst, Nos Kidney

DOSE: 3 PPM

Inflammation, Chronic

PRIMARY CAUSE OF DEATH

Test Type: Long-Term

Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA Test Compound: Endosulfan

CAS Number: 115-29-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:33:39

First Dose M/F: NA / NA

Lab: NA

DAY ON TEST:

Species/Strain: Mouse/B6C3F1

PRIMARY CAUSE OF DEATH

TRT#: 2 **ANIMAL ID: 2_026**

DOSE: 3 PPM

SEX: Male

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

^{*} PROTOCOL REQUIRED TISSUE

Test Type: Long-Term

Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:39

First Dose M/F: NA / NA

Lab: NA

| ANIMAL ID: 2_027 | TRT#: 2 DOSE: 3 PPM | SEX: Male DISP: Scheduled Sacrifice | DAY ON TEST: HISTO: | |
|------------------------|------------------------|-------------------------------------|------------------------|--|
| OBSERVATIONS | | | | |
| Liver | | Hepatocellular Carcinoma | | |
| Spleen | | Hematopoiesis | | |
| Unspecified | Back | Fibrosarcoma | | |
| PRIMARY CAUSE OF DEATH | - | | | |

Test Type: Long-Term
Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:39

First Dose M/F: NA / NA

Lab: NA

| ANIMAL ID: 2_028 | TRT#: 2 | SEX: Male | DAY ON TEST: | |
|-------------------------|----------------|---------------------|--------------|--|
| | DOSE: 3 PPM | DISP: Natural Death | HISTO: | |
| OBSERVATIONS | | | | |
| Kidney | | Nephrosis, Hydro | | |
| Spleen | | Hematopoiesis | | |
| Testis | | Atrophy, Nos | | |
| Unspecified | | Abscess, Nos | | |
| PRIMARY CAUSE OF DEATH | - | | | |

^{*} PROTOCOL REQUIRED TISSUE

Species/Strain: Mouse/B6C3F1

PRIMARY CAUSE OF DEATH

Test Type: Long-Term

Route: Dosed-Feed

Liver

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Hepatocellular Carcinoma

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:39

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_031

TRT#: 2

DOSE: 3 PPM

DISP: Scheduled Sacrifice

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Amyloidosis
Inflammation, Chronic

^{*} PROTOCOL REQUIRED TISSUE

Species/Strain: Mouse/B6C3F1

Test Type: Long-Term
Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:39

First Dose M/F: NA / NA

Lab: NA

| ANIMAL ID: 2_032 | TRT#: 2 DOSE: 3 PPM | SEX: Male DISP: Scheduled Sacrifice | DAY ON TEST: HISTO: | |
|------------------------|-----------------------------------|-------------------------------------|------------------------|--|
| | DOSE. 3 PPW | DISF. Scrieduled Sacrifice | пізто. | |
| OBSERVATIONS | | | | |
| Epididymis | | Granuloma, Spermatic | | |
| Kidney | | Inflammation, Chronic | | |
| | | Nephrosis, Hydro | | |
| Liver | | Hepatocellular Carcinoma | | |
| PRIMARY CAUSE OF DEATH | - | | | |

Test Type: Long-Term
Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:39

First Dose M/F: NA / NA

Lab: NA

| ANIMAL ID: 2_033 | TRT#: 2 DOSE: 3 PPM | SEX: Male DISP: Scheduled Sacrifice | DAY ON TEST: HISTO: | |
|------------------------|------------------------|-------------------------------------|------------------------|--|
| OBSERVATIONS | | | | |
| Kidney | | Inflammation, Chronic | | |
| | | Nephrosis, Hydro | | |
| Liver | | Hepatocellular Carcinoma | | |
| Lymph node | Mesenteric Lymph Node | Inflammation, Nos | | |
| PRIMARY CAUSE OF DEATH | - | | | |

Test Type: Long-Term
Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:39

First Dose M/F: NA / NA

Lab: NA

| ANIMAL ID: 2_035 | TRT#: 2 | SEX: Male | DAY ON TEST: |
|------------------|-------------|----------------------------------|--------------|
| | DOSE: 3 PPM | DISP: Scheduled Sacrifice | HISTO: |
| OBSERVATIONS | | | |
| Kidney | | Inflammation, Chronic | |
| | | Nephrosis, Hydro | |
| Lung | | Alveolar/Bronchiolar Adenoma | |

Test Type: Long-Term

Route: Dosed-Feed

ANIMAL ID: 2_037

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Endosulfan

CAS Number: 115-29-7

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:39

First Dose M/F: NA / NA

Lab: NA

DAY ON TEST:

Species/Strain: Mouse/B6C3F1

TRT#: 2

DOSE: 3 PPM

SEX: Male

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic Nephrosis, Hydro

Unspecified Multiple Organs Nos

Amyloidosis

PRIMARY CAUSE OF DEATH

Test Type: Long-Term
Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:39

First Dose M/F: NA / NA

Lab: NA

| ANIMAL ID: 2_038 | TRT#: 2 | SEX: Male | DAY ON TEST: | |
|------------------------|---------------------|-----------------------|--------------|--|
| | DOSE: 3 PPM | DISP: Natural Death | HISTO: | |
| OBSERVATIONS | | | | |
| Kidney | | Inflammation, Chronic | | |
| Penis | | Phimosis | | |
| Unspecified | Multiple Organs Nos | Amyloidosis | | |
| PRIMARY CAUSE OF DEATH | - | | | |

Test Type: Long-Term
Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:39

First Dose M/F: NA / NA

Lab: NA

| ANIMAL ID: 2_039 | TRT#: 2 DOSE : 3 PPM | SEX: Male DISP: Natural Death | DAY ON TEST: HISTO: | |
|------------------------|------------------------------------|-------------------------------|------------------------|--|
| OBSERVATIONS | | | | |
| Prostate | | Inflammation, Nos | | |
| Spleen | | Amyloidosis | | |
| PRIMARY CAUSE OF DEATH | - | | | |

^{*} PROTOCOL REQUIRED TISSUE

Test Type: Long-Term
Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:39

First Dose M/F: NA / NA

Lab: NA

| ANIMAL ID: 2_041 | TRT#: 2 DOSE: 3 PPM | SEX: Male DISP: Scheduled Sacrifice | DAY ON TEST: HISTO: | |
|------------------------|-----------------------------------|-------------------------------------|------------------------|--|
| OBSERVATIONS | | | | |
| OBSERVATIONS | | | | |
| Kidney | | Inflammation, Chronic | | |
| Unspecified | Multiple Organs Nos | Amyloidosis | | |
| PRIMARY CAUSE OF DEATH | _ | | | |

Test Type: Long-Term

Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:39

First Dose M/F: NA / NA

Lab: NA

| ANIMAL ID: 2_042 | TRT#: 2 DOSE: 3 PPM | SEX: Male DISP: Scheduled Sacrifice | DAY ON TEST: HISTO: |
|------------------------|------------------------|-------------------------------------|------------------------|
| OBSERVATIONS | | | |
| Kidney | | Inflammation, Chronic | |
| | | Nephrosis, Hydro | |
| PRIMARY CAUSE OF DEATH | - | | |

Species/Strain: Mouse/B6C3F1

Test Type: Long-Term
Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:39

First Dose M/F: NA / NA

Lab: NA

| ANIMAL ID: 2_043 | TRT#: 2 | SEX: Male | DAY ON TEST: | |
|------------------------|---------------------|--------------------------------|--------------|--|
| | DOSE: 3 PPM | DISP: Natural Death | HISTO: | |
| OBSERVATIONS | | | | |
| Kidney | | Inflammation, Chronic | | |
| | | Nephrosis, Hydro | | |
| Lung | | Alveolar/Bronchiolar Carcinoma | | |
| Unspecified | Multiple Organs Nos | Amyloidosis | | |
| PRIMARY CAUSE OF DEATH | - | | | |

^{*} PROTOCOL REQUIRED TISSUE

Test Type: Long-Term

Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:39

First Dose M/F: NA / NA

Lab: NA

DAY ON TEST:

Species/Strain: Mouse/B6C3F1

ANIMAL ID: 2_044 TRT#: 2 DOSE: 3 PPM

SEX: Male

Multiple Organs Nos

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Unspecified

Inflammation, Chronic Nephrosis, Hydro

Amyloidosis

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Test Type: Long-Term

Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:39

First Dose M/F: NA / NA

Lab: NA

Species/Strain: Mouse/B6C3F1

ANIMAL ID: 2_045 **TRT#:** 2 **DOSE:** 3 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST: HISTO:

OBSERVATIONS

Kidney
Unspecified Multiple Organs Nos

Inflammation, Chronic Amyloidosis

PRIMARY CAUSE OF DEATH

Test Type: Long-Term
Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:39

First Dose M/F: NA / NA

Lab: NA

| ANIMAL ID: 2_046 | TRT#: 2 DOSE : 3 PPM | SEX: Male DISP: Natural Death | DAY ON TEST: HISTO: | |
|------------------------|------------------------------------|-------------------------------|------------------------|--|
| OBSERVATIONS | | | | |
| Kidney | | Inflammation, Chronic | | |
| Unspecified | Multiple Organs Nos | Amyloidosis | | |
| PRIMARY CAUSE OF DEATH | _ | | | |

Test Type: Long-Term
Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:39

First Dose M/F: NA / NA

Lab: NA

| ANIMAL ID: 2_047 | TRT#: 2 DOSE: 3 PPM | SEX: Male DISP: Natural Death | DAY ON TEST: HISTO: | |
|------------------------|------------------------|-------------------------------|------------------------|--|
| OBSERVATIONS | | | | |
| Kidney | | Pyelonephritis, Nos | | |
| Unspecified | Multiple Organs Nos | Amyloidosis | | |
| PRIMARY CAUSE OF DEATH | - | | | |

Test Type: Long-Term
Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:39

First Dose M/F: NA / NA

Lab: NA

| ANIMAL ID: 2_048 | TRT#: 2 | SEX: Male | DAY ON TEST: | |
|------------------------|---------------------|-----------------------|--------------|--|
| | DOSE: 3 PPM | DISP: Natural Death | HISTO: | |
| OBSERVATIONS | | | | |
| Kidney | | Inflammation, Chronic | | |
| Unspecified | Multiple Organs Nos | Amyloidosis | | |
| PRIMARY CAUSE OF DEATH | - | | | |

Test Type: Long-Term
Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:39

First Dose M/F: NA / NA

Lab: NA

| ANIMAL ID: 2_049 | TRT#: 2 | SEX: Male | DAY ON TEST: | |
|-------------------------|---------------------|-----------------------|--------------|--|
| | DOSE: 3 PPM | DISP: Natural Death | HISTO: | |
| OBSERVATIONS | | | | |
| Kidney | | Inflammation, Chronic | | |
| | | Nephrosis, Hydro | | |
| Unspecified | Multiple Organs Nos | Amyloidosis | | |
| PRIMARY CAUSE OF DEATH | - | | | |

Test Type: Long-Term
Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:39

First Dose M/F: NA / NA

Lab: NA

| ANIMAL ID: 3_001 | TRT#: 3 | SEX: Male | DAY ON TEST: |
|-------------------------|----------------|----------------------------------|--------------|
| | DOSE: 6 PPM | DISP: Scheduled Sacrifice | HISTO: |
| OBSERVATIONS | | | |
| Kidney | | Amyloidosis | |
| | | Nephrosis, Hydro | |
| | | Pyelonephritis, Nos | |
| Liver | | Hyperplasia, Nodular | |
| PRIMARY CAUSE OF DEATH | - | | |

Test Type: Long-Term
Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:39

First Dose M/F: NA / NA

Lab: NA

| ANIMAL ID: 3_002 | TRT#: 3 DOSE: 6 PPM | SEX: Male DISP: Natural Death | DAY ON TEST: HISTO: | |
|------------------------|------------------------|-------------------------------|------------------------|--|
| OBSERVATIONS | | | | |
| Kidney | | Amyloidosis | | |
| | | Inflammation, Chronic | | |
| PRIMARY CAUSE OF DEATH | - | | | |

Test Type: Long-Term
Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:39

First Dose M/F: NA / NA

Lab: NA

| ANIMAL ID: 3_003 | TRT#: 3 DOSE: 6 PPM | SEX: Male DISP: Natural Death | DAY ON TEST: HISTO: | |
|-------------------------|---------------------|-------------------------------|------------------------|--|
| OBSERVATIONS | | | | |
| Kidney | | Inflammation, Chronic | | |
| Unspecified | Multiple Organs Nos | Amyloidosis | | |
| PRIMARY CALISE OF DEATH | _ | | | |

^{*} PROTOCOL REQUIRED TISSUE

Test Type: Long-Term

Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

CAS Number: 115-29-7

Test Compound: Endosulfan

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:39

First Dose M/F: NA / NA

Lab: NA

Species/Strain: Mouse/B6C3F1

ANIMAL ID: 3_004 **TRT#:** 3

DOSE: 6 PPM

SEX: Male

DISP: Natural Death

DAY ON TEST: HISTO:

OBSERVATIONS

Spleen

PRIMARY CAUSE OF DEATH

Amyloidosis

Test Type: Long-Term
Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:33:39

First Dose M/F: NA / NA

Lab: NA

| ANIMAL ID: 3_005 | TRT#: 3 DOSE: 6 PPM | SEX: Male DISP: Natural Death | DAY ON TEST: HISTO: | |
|------------------------|------------------------|-------------------------------|------------------------|--|
| OBSERVATIONS | | | | |
| Kidney | | Inflammation, Chronic | | |
| Unspecified | Multiple Organs Nos | Amyloidosis | | |
| PRIMARY CAUSE OF DEATH | - | | | |

Test Type: Long-Term
Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:39

First Dose M/F: NA / NA

Lab: NA

| ANIMAL ID: 3_006 | TRT#: 3 DOSE: 6 PPM | SEX: Male DISP: Natural Death | DAY ON TEST: HISTO: | |
|------------------------|------------------------|-------------------------------|------------------------|--|
| OBSERVATIONS | | | | |
| Kidney | | Amyloidosis | | |
| | | Inflammation, Chronic | | |
| Spleen | | Amyloidosis | | |
| PRIMARY CAUSE OF DEATH | - | | | |

Test Type: Long-Term

Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:39

First Dose M/F: NA / NA

Lab: NA

| ANIMAL ID: 3_007 | TRT# : 3 | SEX: Male | DAY ON TEST: | |
|------------------------|-----------------|----------------------------------|--------------|--|
| | DOSE: 6 PPM | DISP: Natural Death | HISTO: | |
| OBSERVATIONS | | | | |
| Kidney | | Inflammation, Nos | | |
| | | Pyelonephritis, Nos | | |
| Spleen | | Amyloidosis | | |
| Urinary bladder | | Calculus, Unknown Gross Or Micro | | |
| | | Inflammation, Nos | | |
| PRIMARY CAUSE OF DEATH | - | | | |

^{*} PROTOCOL REQUIRED TISSUE

Species/Strain: Mouse/B6C3F1

Test Type: Long-Term
Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:39

First Dose M/F: NA / NA

Lab: NA

| ANIMAL ID: 3_012 | TRT#: 3 DOSE: 6 PPM | SEX: Male DISP: Natural Death | DAY ON TEST: HISTO: | |
|------------------------|------------------------|-------------------------------|------------------------|--|
| OBSERVATIONS | | | | |
| Kidney | | Amyloidosis | | |
| | | Inflammation, Chronic | | |
| PRIMARY CAUSE OF DEATH | - | | | |

Species/Strain: Mouse/B6C3F1

PRIMARY CAUSE OF DEATH

Test Type: Long-Term
Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Endosulfan

CAS Number: 115-29-7

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:39

First Dose M/F: NA / NA

Lab: NA

| ANIMAL ID: 3_013 | TRT#: 3 | SEX: Male | DAY ON TEST: | |
|-------------------------|---------------------|------------------------------|--------------|--|
| | DOSE: 6 PPM | DISP: Natural Death | HISTO: | |
| OBSERVATIONS | | | | |
| Heart | Myocardium Nos | Inflammation, Nos | | |
| | | Periarteritis | | |
| | | Thrombus, Organized | | |
| Kidney | | Inflammation, Chronic | | |
| Lung | | Alveolar/Bronchiolar Adenoma | | |
| | | Pneumonia, Chronic Murine | | |
| Unspecified | Multiple Organs Nos | Amyloidosis | | |

^{*} PROTOCOL REQUIRED TISSUE

Test Type: Long-Term

Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:39

First Dose M/F: NA / NA

Lab: NA

DAY ON TEST:

Species/Strain: Mouse/B6C3F1

ANIMAL ID: 3_014 **TRT#:** 3 **DOSE:** 6 PPM

Multiple Organs Nos

SEX: Male
DISP: Natural Death

HIS

HISTO:

OBSERVATIONS

Kidney Liver Unspecified Inflammation, Chronic
Hepatocellular Carcinoma

Amyloidosis

PRIMARY CAUSE OF DEATH

Test Type: Long-Term

Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:39

First Dose M/F: NA / NA

Lab: NA

DAY ON TEST:

Species/Strain: Mouse/B6C3F1

PRIMARY CAUSE OF DEATH

ANIMAL ID: 3_015 **TRT#:** 3

DOSE: 6 PPM

Multiple Organs Nos

SEX: Male

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney Testis Unspecified Inflammation, Chronic

Atrophy, Nos

Amyloidosis

* PROTOCOL REQUIRED TISSUE

Test Type: Long-Term

Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Endosulfan

CAS Number: 115-29-7

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:39

Time Report Requested: 13:

First Dose M/F: NA / NA

Lab: NA

DAY ON TEST:

Species/Strain: Mouse/B6C3F1

ANIMAL ID: 3_016 **TRT#:** 3

DOSE: 6 PPM

SEX: Male

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart Thrombus, Organized

PRIMARY CAUSE OF DEATH

Species/Strain: Mouse/B6C3F1

Test Type: Long-Term
Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:39

First Dose M/F: NA / NA

Lab: NA

| ANIMAL ID: 3_017 | TRT#: 3 DOSE: 6 PPM | SEX: Male DISP: Natural Death | DAY ON TEST: HISTO: | |
|------------------------|------------------------|-------------------------------|------------------------|--|
| OBSERVATIONS | | | | |
| Kidney | | Inflammation, Chronic | | |
| Unspecified | Multiple Organs Nos | Amyloidosis | | |
| PRIMARY CAUSE OF DEATH | - | | | |

Test Type: Long-Term

Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:39

First Dose M/F: NA / NA

Lab: NA

| ANIMAL ID: 3_018 | TRT#: 3 | SEX: Male | DAY ON TEST: | |
|------------------------|---------------------|-----------------------|--------------|--|
| | DOSE: 6 PPM | DISP: Natural Death | HISTO: | |
| OBSERVATIONS | | | | |
| Kidney | | Inflammation, Chronic | | |
| Testis | | Atrophy, Nos | | |
| Unspecified | Multiple Organs Nos | Amyloidosis | | |
| PRIMARY CAUSE OF DEATH | - | | | |

^{*} PROTOCOL REQUIRED TISSUE

Test Type: Long-Term

Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA Test Compound: Endosulfan

CAS Number: 115-29-7

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:39

First Dose M/F: NA / NA

Lab: NA

DAY ON TEST:

Species/Strain: Mouse/B6C3F1

TRT#: 3 **ANIMAL ID:** 3_021 DOSE: 6 PPM SEX: Male

DISP: Natural Death

HISTO:

Kidney Lung Unspecified

OBSERVATIONS

Inflammation, Chronic Alveolar/Bronchiolar Adenoma

Multiple Organs Nos Groin

Amyloidosis Fibrosarcoma

PRIMARY CAUSE OF DEATH

Test Type: Long-Term
Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:39

First Dose M/F: NA / NA

Lab: NA

| ANIMAL ID: 3 022 | TRT#: 3 | SEX: Male | DAY ON TEST: | |
|------------------------|-----------------------|-----------------------|--------------|--|
| | DOSE: 6 PPM | DISP: Natural Death | HISTO: | |
| OBSERVATIONS | | | | |
| Kidney | | Inflammation, Chronic | | |
| Lymph node | Mesenteric Lymph Node | Inflammation, Nos | | |
| Testis | | Atrophy, Nos | | |
| Unspecified | Multiple Organs Nos | Amyloidosis | | |
| PRIMARY CAUSE OF DEATH | - | | | |

Test Type: Long-Term
Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:39

First Dose M/F: NA / NA

Lab: NA

| ANIMAL ID: 3_023 | TRT#: 3 DOSE: 6 PPM | SEX: Male DISP: Natural Death | DAY ON TEST: HISTO: | |
|------------------------|------------------------|-------------------------------|------------------------|--|
| OBSERVATIONS | | | | |
| Kidney | | Inflammation, Chronic | | |
| Unspecified | Multiple Organs Nos | Amyloidosis | | |
| PRIMARY CAUSE OF DEATH | _ | | | |

Test Type: Long-Term
Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:39

First Dose M/F: NA / NA

Lab: NA

| ANIMAL ID: 3_024 | TRT#: 3 DOSE : 6 PPM | SEX: Male DISP: Natural Death | DAY ON TEST: HISTO: | |
|-------------------------|------------------------------------|-------------------------------|------------------------|--|
| OBSERVATIONS | | | | |
| Kidney | | Inflammation, Chronic | | |
| Unspecified | Multiple Organs Nos | Amyloidosis | | |
| PRIMARY CALISE OF DEATH | _ | | | |

Species/Strain: Mouse/B6C3F1

Test Type: Long-Term
Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:39

First Dose M/F: NA / NA

| ANIMAL ID: 3_025 | TRT#: 3 DOSE: 6 PPM | SEX: Male DISP: Natural Death | DAY ON TEST: HISTO: | |
|-------------------------|---------------------|-------------------------------|------------------------|--|
| OBSERVATIONS | | | | |
| Kidney | | Inflammation, Chronic | | |
| Unspecified | Multiple Organs Nos | Amyloidosis | | |
| PRIMARY CALISE OF DEATH | _ | | | |

Test Type: Long-Term

Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:39

First Dose M/F: NA / NA

Lab: NA

Species/Strain: Mouse/B6C3F1

ANIMAL ID: 3_026 TRT#: 3 SEX: Male
DOSE: 6 PPM DISP: Natural Death

Multiple Organs Nos

DAY ON TEST: HISTO:

OBSERVATIONS

Kidney

Unspecified

Calcium Deposit Inflammation, Chronic Amyloidosis

PRIMARY CAUSE OF DEATH

_

Test Type: Long-Term
Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:39

First Dose M/F: NA / NA

Lab: NA

| ANIMAL ID: 3_027 | TRT#: 3 | SEX: Male | DAY ON TEST: | |
|------------------------|---------------------|-----------------------|--------------|--|
| | DOSE: 6 PPM | DISP: Natural Death | HISTO: | |
| OBSERVATIONS | | | | |
| Kidney | | Inflammation, Chronic | | |
| Unspecified | Multiple Organs Nos | Amyloidosis | | |
| PRIMARY CAUSE OF DEATH | | | | |

Species/Strain: Mouse/B6C3F1

Test Type: Long-Term
Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Endosulfan

CAS Number: 115-29-7

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:39

First Dose M/F: NA / NA

| ANIMAL ID: 3_029 | TRT#: 3 DOSE: 6 PPM | SEX: Male DISP: Natural Death | DAY ON TEST: HISTO: | |
|------------------------|------------------------|-------------------------------|------------------------|--|
| OBSERVATIONS | | | | |
| Kidney | | Inflammation, Chronic | | |
| Unspecified | Multiple Organs Nos | Amyloidosis | | |
| PRIMARY CAUSE OF DEATH | - | | | |

Test Type: Long-Term
Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:39

First Dose M/F: NA / NA

Lab: NA

| ANIMAL ID: 3_030 | TRT#: 3 DOSE: 6 PPM | SEX: Male DISP: Natural Death | DAY ON TEST: HISTO: | |
|------------------------|------------------------|-------------------------------|------------------------|--|
| OBSERVATIONS | | | | |
| Kidney | | Inflammation, Chronic | | |
| Unspecified | Multiple Organs Nos | Amyloidosis | | |
| PRIMARY CAUSE OF DEATH | - | | | |

Test Type: Long-Term

Route: Dosed-Feed

ANIMAL ID: 3_031

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:39

First Dose M/F: NA / NA

Lab: NA

DAY ON TEST:

Species/Strain: Mouse/B6C3F1

PRIMARY CAUSE OF DEATH

TRT#: 3

DOSE: 6 PPM

SEX: Male

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Skin

Inflammation, Nos

^{*} PROTOCOL REQUIRED TISSUE

Test Type: Long-Term
Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

CAS Number: 115-29-7

Test Compound: Endosulfan

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:39

First Dose M/F: NA / NA

Lab: NA

| ANIMAL ID: 3_033 | TRT#: 3 DOSE: 6 PPM | SEX: Male DISP: Natural Death | DAY ON TEST: HISTO: |
|------------------------|------------------------|-------------------------------|------------------------|
| OBSERVATIONS | | | |
| Kidney | | Inflammation, Chronic | |
| Liver | | Hepatocellular Carcinoma | |
| Unspecified | Multiple Organs Nos | Amyloidosis | |
| | Back | Fibrosarcoma | |
| PRIMARY CAUSE OF DEATH | - | | |

Test Type: Long-Term

Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:39

First Dose M/F: NA / NA

Lab: NA

DAY ON TEST:

Species/Strain: Mouse/B6C3F1

ANIMAL ID: 3_034 **TRT#:** 3 **DOSE:** 6 PPM

SEX: Male
DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney
Unspecified Multiple Organs Nos

Inflammation, Chronic Amyloidosis

PRIMARY CAUSE OF DEATH

Test Type: Long-Term
Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:39

First Dose M/F: NA / NA

Lab: NA

| ANIMAL ID: 3_035 | TRT#: 3 DOSE: 6 PPM | SEX: Male DISP: Natural Death | DAY ON TEST: HISTO: | |
|------------------------|------------------------|-------------------------------|------------------------|--|
| OBSERVATIONS | | | | |
| Kidney | | Inflammation, Chronic | | |
| Skin | Back | Fibroma | | |
| Unspecified | Multiple Organs Nos | Amyloidosis | | |
| PRIMARY CAUSE OF DEATH | - | | | |

Test Type: Long-Term
Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:39

First Dose M/F: NA / NA

Lab: NA

| ANIMAL ID: 3_036 | TRT#: 3 DOSE: 6 PPM | SEX: Male DISP: Natural Death | DAY ON TEST: HISTO: | |
|------------------------|---------------------|-------------------------------|------------------------|--|
| OBSERVATIONS | | | | |
| Bone | Lower Extremity | Osteosarcoma | | |
| Kidney | | Inflammation, Chronic | | |
| Lung | | Pneumonia, Chronic Murine | | |
| Skin | | Inflammation, Nos | | |
| | | Osteosarcoma, Metastatic | | |
| Unspecified | Multiple Organs Nos | Amyloidosis | | |
| PRIMARY CAUSE OF DEATH | - | | | |

^{*} PROTOCOL REQUIRED TISSUE

Test Type: Long-Term

Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:39

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

First Dose M/F: NA / NA

Lab: NA

Species/Strain: Mouse/B6C3F1

ANIMAL ID: 3_040 **TRT#:** 3

DOSE: 6 PPM

SEX: Male

DISP: Natural Death

Adenocarcinoma, Nos

DAY ON TEST: HISTO:

OBSERVATIONS

Mammary gland

PRIMARY CAUSE OF DEATH

Species/Strain: Mouse/B6C3F1

PRIMARY CAUSE OF DEATH

Test Type: Long-Term

Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:39

First Dose M/F: NA / NA

| ANIMAL ID: 3_042 | TRT#: 3 | SEX: Male | DAY ON TEST: | |
|-------------------------|---------------------|----------------------------|--------------|--|
| | DOSE: 6 PPM | DISP: Natural Death | HISTO: | |
| OBSERVATIONS | | | | |
| Kidney | | Inflammation, Chronic | | |
| Unspecified | Multiple Organs Nos | Amyloidosis | | |

Species/Strain: Mouse/B6C3F1

Test Type: Long-Term
Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:39

First Dose M/F: NA / NA

| ANIMAL ID: 3_043 | TRT#: 3 DOSE: 6 PPM | SEX: Male DISP: Natural Death | DAY ON TEST: HISTO: | |
|------------------------|------------------------|-------------------------------|------------------------|--|
| OBSERVATIONS | | | | |
| Kidney | | Inflammation, Chronic | | |
| Unspecified | Multiple Organs Nos | Amyloidosis | | |
| PRIMARY CAUSE OF DEATH | - | | | |

Test Type: Long-Term
Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:39

First Dose M/F: NA / NA

Lab: NA

| ANIMAL ID: 3_044 | TRT#: 3 DOSE: 6 PPM | SEX: Male DISP: Natural Death | DAY ON TEST: HISTO: | |
|------------------------|------------------------|-------------------------------|------------------------|--|
| OBSERVATIONS | | | | |
| Kidney | | Inflammation, Chronic | | |
| Unspecified | Multiple Organs Nos | Amyloidosis | | |
| PRIMARY CAUSE OF DEATH | - | | | |

Test Type: Long-Term

Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:39

First Dose M/F: NA / NA

Lab: NA

DAY ON TEST:

Species/Strain: Mouse/B6C3F1

ANIMAL ID: 3_045 **TRT#:** 3 **DOSE:** 6 PPM

SEX: Male

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney Inflammation, Chronic Unspecified Multiple Organs Nos Amyloidosis

PRIMARY CAUSE OF DEATH

Species/Strain: Mouse/B6C3F1

Test Type: Long-Term

Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Endosulfan

CAS Number: 115-29-7

Date Report Requested: 10/26/2014 Time Report Requested: 13:33:39

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_048 TRT#: 3 SEX: Male DAY ON TEST:

DOSE: 6 PPM DISP: Natural Death HISTO:

OBSERVATIONS
Intestine Large Colon Nematodiasis

PRIMARY CAUSE OF DEATH -

** END OF REPORT **

^{*} PROTOCOL REQUIRED TISSUE