

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

| | |
|-----------------------------|--------|
| C Number: | C00453 |
| Cage Range: | All |
| Date Range: | All |
| Reasons For Removal: | All |
| Removal Date Range: | All |
| Treatment Groups: | All |
| Study Gender: | Female |

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
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

| | | |
|-----------------|---------------------|--------------------------------------|
| Lung | | Alveolar/Bronchiolar Adenoma |
| Skeletal muscle | | Parasitism |
| Unspecified | Multiple Organs Nos | Lymphoma, Lymphocytic-Malignant Type |

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
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

Ovary

Uterus

Endometrium

Cyst, Follicular Nos

Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
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

Ovary
Uterus

Endometrium

Cyst, Follicular Nos
Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_004

TRT#: 1
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Uterus

Endometrium

Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_005

TRT#: 1
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

| | | |
|--------|-------------|-----------------------|
| Kidney | | Inflammation, Chronic |
| Ovary | | Cyst, Follicular Nos |
| Uterus | Endometrium | Hyperplasia, Cystic |

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
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

Uterus

Endometrium

Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_007

TRT#: 1
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

| | | |
|--------|-------------|--|
| Kidney | | Inflammation, Chronic |
| Ovary | | Cyst, Follicular Nos |
| Uterus | Endometrium | Cyst, Hemorrhagic Hyperplasia, Cystic |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
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

Unspecified
Uterus

Multiple Organs Nos
Endometrium

Lymphoma, Lymphocytic-Malignant Type
Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_010

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

| | |
|-------------|-----------------------------|
| Kidney | Hemangiosarcoma, Metastatic |
| Spleen | Hemangiosarcoma |
| Unspecified | Hemangiosarcoma, Metastatic |

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_011

TRT#: 1
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

| | | |
|--------|-------------|---------------------------|
| Uterus | Endometrium | Inflammation, Suppurative |
|--------|-------------|---------------------------|

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
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

Spleen

Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
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

Ovary
Uterus

Endometrium

Cyst, Nos
Hyperplasia, Cystic
Leiomyoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
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

| | | |
|-------------|---------------------|--------------------------------------|
| Ovary | | Inflammation, Suppurative |
| Thyroid | | Hyperplasia, Follicular Cell |
| Unspecified | Multiple Organs Nos | Lymphoma, Lymphocytic-Malignant Type |
| Uterus | Endometrium | Hyperplasia, Cystic |

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
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

Unspecified
Uterus

Multiple Organs Nos
Endometrium

Lymphoma, Lymphocytic-Malignant Type
Hyperplasia, Cystic
Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
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

Ovary

Cyst, Parovarian

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
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

| | |
|--------|---------------------------|
| Ovary | Inflammation, Suppurative |
| Spleen | Leukemoid Reaction |
| Uterus | Pyometra |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
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

| | | |
|--------|-------------|---------------------------|
| Ovary | | Inflammation, Suppurative |
| Spleen | | Leukemoid Reaction |
| Uterus | Endometrium | Inflammation, Nos |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_020

TRT#: 1
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

| | | |
|--------|-------------|--------------------------------------|
| Kidney | | Lymphoma, Lymphocytic-Malignant Type |
| Uterus | Endometrium | Hyperplasia, Cystic |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_001

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

| | |
|-----------------|-----------------------|
| Kidney | Inflammation, Chronic |
| Liver | Hyperplasia, Nodular |
| Mammary gland | Adenocarcinoma, Nos |
| Spleen | Cyst, Hemorrhagic |
| | Hematopoiesis |
| Urinary bladder | Inflammation, Nos |
| Uterus | Hemangioma |

PRIMARY CAUSE OF DEATH -

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_002

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

| | | |
|---------------|---------------------|------------------------------------|
| Liver | | Angiectasis |
| | | Thrombosis, Nos |
| Lung | | Alveolar/Bronchiolar Adenoma |
| | | Pneumonia, Chronic Murine |
| Mammary gland | | Adenocarcinoma/Squamous Metaplasia |
| Unspecified | Multiple Organs Nos | Lymphoma, Nos-Malignant |

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_003

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

| | | |
|---------------|-------------|---------------------------|
| Liver | | Angiectasis |
| Lung | | Pneumonia, Chronic Murine |
| Mammary gland | | Adenocarcinoma, Nos |
| Spleen | | Lymphoma, Nos-Malignant |
| Uterus | Endometrium | Hyperplasia, Cystic |
| | Endometrium | Papilloma, Nos |

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_004

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

| | | |
|---------------|-------------|------------------------------|
| Kidney | | Inflammation, Chronic |
| Liver | | Angiectasis |
| | | Hypertrophy, Focal |
| Lung | | Alveolar/Bronchiolar Adenoma |
| | | Pneumonia, Chronic Murine |
| Mammary gland | | Adenocarcinoma, Nos |
| Spleen | | Hematopoiesis |
| | | Hyperplasia, Lymphoid |
| Uterus | Endometrium | Papilloma, Nos |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_005

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver
Spleen

Angiectasis
Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_006

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Mammary gland

Adenocarcinoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_007

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Spleen

Hematopoiesis
Hyperplasia, Lymphoid

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_008

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Mammary gland
Uterus

Endometrium

Nephropathy, Toxic
Adenocarcinoma, Nos
Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_009

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Mammary gland

Nephropathy, Toxic
Adenocarcinoma, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_010

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung
Mammary gland

Adenocarcinoma, Nos, Metastatic
Adenocarcinoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_011

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

| | | |
|-----------------|-----------------------|--------------------------------|
| Kidney | | Pyelonephritis, Nos |
| Liver | | Hepatocellular Carcinoma |
| Lung | | Alveolar/Bronchiolar Adenoma |
| | | Alveolar/Bronchiolar Carcinoma |
| Lymph node | Mesenteric Lymph Node | Inflammation, Nos |
| Mammary gland | | Adenocarcinoma, Nos |
| Spleen | | Hematopoiesis |
| | | Hyperplasia, Lymphoid |
| Urinary bladder | | Inflammation, Nos |
| Uterus | Endometrium | Hyperplasia, Cystic |

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_012

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung
Mammary gland
Ovary
Spleen

Thymus

Pneumonia, Chronic Murine
Adenocarcinoma, Nos
Cyst, Follicular Nos
Hematopoiesis
Hyperplasia, Lymphoid
Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_013

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

| | | |
|---------------|-------------|------------------------------|
| Kidney | | Inflammation, Chronic |
| Liver | | Hepatocellular Carcinoma |
| Lung | | Alveolar/Bronchiolar Adenoma |
| Mammary gland | | Adenocarcinoma, Nos |
| Stomach | | Inflammation, Nos |
| Uterus | Endometrium | Hyperplasia, Cystic |

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_014

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

| | | |
|------------|-------------|---------------------------|
| Kidney | | Inflammation, Chronic |
| Liver | | Hepatocellular Carcinoma |
| | Bile Duct | Inflammation, Nos |
| Lung | | Pneumonia, Chronic Murine |
| Lymph node | | Hyperplasia, Lymphoid |
| Stomach | | Inflammation, Nos |
| | | Squamous Cell Papilloma |
| Thymus | | Hyperplasia, Nos |
| Uterus | Endometrium | Hyperplasia, Cystic |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_015

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

| | | |
|---------------|-----------|---------------------|
| Kidney | | Pyelonephritis, Nos |
| Liver | Bile Duct | Inflammation, Nos |
| Mammary gland | | Adenocarcinoma, Nos |
| Spleen | | Hematopoiesis |

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_016

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

| | |
|-----------------|---------------------------|
| Liver | Angiectasis |
| Lung | Thrombosis, Nos |
| Mammary gland | Pneumonia, Chronic Murine |
| Skeletal muscle | Adenocarcinoma, Nos |
| | Calcification, Nos |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_018

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Harderian gland
Kidney
Lung
Spleen

Vagina

Hardarian Gland

Adenoma, Nos
Nephropathy, Toxic
Pneumonia, Chronic Murine
Hematopoiesis
Hyperplasia, Lymphoid
Squamous Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_019

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Mammary gland

Adenocarcinoma/Squamous Metaplasia

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_020

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

| | | |
|-----------------|-------------------------|--|
| Kidney | Pelvis | Inflammation, Nos |
| | | Inflammation, Nos |
| Liver | | Inflammation, Focal |
| Lung | | Adenocarcinoma/Squamous Metaplasia, Metastatic |
| | | Pneumonia, Chronic Murine |
| Lymph node | Cervical Lymph Node Nos | Adenocarcinoma/Squamous Metaplasia, Metastatic |
| | Cervical Lymph Node Nos | Calcification, Metastatic |
| | Mesenteric Lymph Node | Inflammation, Nos |
| Mammary gland | | Adenocarcinoma/Squamous Metaplasia |
| Salivary gland | | Inflammation, Nos |
| Spleen | | Inflammation, Nos |
| Urinary bladder | | Inflammation, Nos |
| Uterus | | Inflammation, Nos |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_021

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

| | | |
|---------------|-----------------------|---|
| Liver | | Angiectasis Hyperplasia, Nodular Thrombosis, Nos |
| Lung | | Alveolar/Bronchiolar Adenoma Alveolar/Bronchiolar Carcinoma Pneumonia, Chronic Murine |
| Lymph node | Mesenteric Lymph Node | Hyperplasia, Lymphoid |
| Mammary gland | | Adenocarcinoma, Nos |
| Spleen | | Hematopoiesis |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_022

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lymph node
Thymus
Uterus

Endometrium

Hyperplasia, Nos
Hyperplasia, Lymphoid
Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_023

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

| | | |
|---------------|---------------------|---------------------------|
| Kidney | | Nephropathy, Toxic |
| Liver | | Angiectasis |
| Lung | | Pneumonia, Chronic Murine |
| Lymph node | | Hyperplasia, Nos |
| Mammary gland | | Adenocarcinoma, Nos |
| Spleen | | Hematopoiesis |
| Thymus | | Hyperplasia, Nos |
| Unspecified | Multiple Organs Nos | Lymphoma, Nos-Malignant |
| Uterus | Endometrium | Hyperplasia, Cystic |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_024

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

| | | |
|---------------|-----------------------|---------------------------|
| Kidney | | Inflammation, Chronic |
| Liver | | Angiectasis |
| | | Hyperplasia, Nodular |
| Lung | | Pneumonia, Chronic Murine |
| Lymph node | Mesenteric Lymph Node | Hyperplasia, Lymphoid |
| Mammary gland | | Adenocarcinoma, Nos |
| Spleen | | Hyperplasia, Lymphoid |
| Thymus | | Hyperplasia, Nos |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_025

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

| | |
|--------|--|
| Liver | Abscess, Nos Inflammation, Nos Thrombosis, Nos |
| Lung | Pneumonia, Chronic Murine |
| Spleen | Hematopoiesis Hyperplasia, Lymphoid |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_026

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

| | | |
|-----------------|-----------------------|---------------------------|
| Adrenal gland | | Inflammation, Nos |
| Heart | Myocardium Nos | Inflammation, Nos |
| Kidney | | Inflammation, Nos |
| Liver | | Inflammation, Nos |
| Lung | | Pneumonia, Chronic Murine |
| Lymph node | Mesenteric Lymph Node | Inflammation, Nos |
| Mammary gland | | Fibrosarcoma |
| Skeletal muscle | | Inflammation, Nos |
| Spleen | | Hematopoiesis |
| Uterus | Endometrium | Hyperplasia, Cystic |

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_027

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

| | | |
|-----------------|----------------|--|
| Heart | Myocardium Nos | Inflammation, Nos |
| Liver | | Hepatocellular Carcinoma |
| Lung | | Adenocarcinoma/Squamous Metaplasia, Metastatic |
| | | Pneumonia, Chronic Murine |
| Mammary gland | | Adenocarcinoma/Squamous Metaplasia |
| Skeletal muscle | | Abscess, Nos |
| | | Inflammation, Nos |
| Unspecified | Ear | Squamous Cell Carcinoma |
| Urinary bladder | | Inflammation, Nos |
| Uterus | | Inflammation, Nos |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_028

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Lung
Mammary gland
Pituitary gland

Spleen
Stomach
Uterus

Endometrium

Inflammation, Nos
Inflammation, Nos
Pneumonia, Chronic Murine
Carcinoma, Nos
Hemorrhage
Inflammation, Nos
Hematopoiesis
Inflammation, Nos
Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_029

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

| | | |
|-----------------|-------------------------|--------------------------------|
| Bone | Vertebral Column | Osteosarcoma |
| Heart | Myocardium Nos | Inflammation, Chronic |
| Kidney | | Congestion, Nos |
| Lung | | Alveolar/Bronchiolar Carcinoma |
| Lymph node | Cervical Lymph Node Nos | Osteosarcoma, Metastatic |
| Pituitary gland | | Congestion, Nos |
| Stomach | | Inflammation, Nos |
| | | Ulcer, Nos |
| Urinary bladder | | Inflammation, Nos |
| Uterus | Endometrium | Hyperplasia, Cystic |

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_030

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Mammary gland

Adenocarcinoma/Squamous Metaplasia

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_031

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

| | | |
|--------|-------------|------------------------------|
| Kidney | | Inflammation, Chronic |
| Lung | | Alveolar/Bronchiolar Adenoma |
| | | Pneumonia, Chronic Murine |
| Spleen | | Hematopoiesis |
| | | Hyperplasia, Lymphoid |
| Uterus | Endometrium | Inflammation, Vesicular |

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_032

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

| | |
|---------------|------------------------------------|
| Kidney | Nephropathy, Toxic |
| Liver | Hepatocellular Carcinoma |
| Lung | Alveolar/Bronchiolar Adenoma |
| Mammary gland | Adenocarcinoma/Squamous Metaplasia |
| Ovary | Cyst, Follicular Nos |
| Spleen | Hematopoiesis |
| Uterus | Endometrial Stromal Polyp |

PRIMARY CAUSE OF DEATH -

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_033

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

| | |
|---------------|------------------------------|
| Kidney | Pyelonephritis, Nos |
| Liver | Angiectasis |
| Lung | Alveolar/Bronchiolar Adenoma |
| | Pneumonia, Chronic Murine |
| Mammary gland | Adenocarcinoma, Nos |
| Spleen | Hematopoiesis |
| Uterus | Endometrium |
| | Hyperplasia, Cystic |

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_034

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

| | | |
|-----------------|-------------------------|---------------------------|
| Adrenal gland | | Inflammation, Nos |
| Kidney | | Inflammation, Nos |
| Lung | | Pneumonia, Chronic Murine |
| Lymph node | Cervical Lymph Node Nos | Inflammation, Nos |
| Peritoneum | | Inflammation, Nos |
| Skeletal muscle | | Inflammation, Nos |
| Spleen | | Hematopoiesis |
| Unspecified | Head | Inflammation, Nos |
| | Head | Necrosis, Nos |
| | Head | Squamous Cell Carcinoma |
| Urinary bladder | | Inflammation, Nos |

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_036

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

| | | |
|---------------|-----------------------|--------------------------------------|
| Adrenal gland | | Inflammation, Nos |
| Lung | | Pneumonia, Chronic Murine |
| Lymph node | Mesenteric Lymph Node | Amyloidosis |
| Mammary gland | | Adenocarcinoma/Squamous Metaplasia |
| Peritoneum | | Inflammation, Nos |
| Unspecified | Multiple Organs Nos | Lymphoma, Lymphocytic-Malignant Type |

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_037

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

| | | |
|---------------|-------------|--------------------------------|
| Lung | | Alveolar/Bronchiolar Carcinoma |
| | | Inflammation, Nos |
| Mammary gland | | Adenocarcinoma, Nos |
| Spleen | | Amyloidosis |
| | | Hematopoiesis |
| Uterus | Endometrium | Hyperplasia, Cystic |

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_038

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

| | | |
|---------------|-----------------------|-----------------------|
| Adrenal gland | | Inflammation, Nos |
| Kidney | | Nephropathy, Toxic |
| Lymph node | Mesenteric Lymph Node | Hyperplasia, Lymphoid |
| Mammary gland | | Adenocarcinoma, Nos |
| Spleen | | Hyperplasia, Lymphoid |
| Uterus | Endometrium | Hyperplasia, Cystic |

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_039

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Mammary gland
Spleen
Uterus

Adenocarcinoma, Nos
Hematopoiesis
Hydrometra

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_040

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung
Mammary gland

Adenocarcinoma, Nos, Metastatic
Adenocarcinoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_041

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

| | | |
|--------|-------------|---------------------------|
| Lung | | Pneumonia, Chronic Murine |
| Uterus | Endometrium | Hyperplasia, Cystic |

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_042

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

| | | |
|--------|-------------|------------------------------|
| Kidney | | Nephropathy, Toxic |
| Liver | | Angiectasis |
| | | Hypertrophy, Nos |
| Lung | | Alveolar/Bronchiolar Adenoma |
| | | Inflammation, Nos |
| Uterus | Endometrium | Hyperplasia, Cystic |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_043

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

| | | |
|---------------|-------------|---------------------|
| Kidney | | Nephropathy, Toxic |
| Liver | | Hypertrophy, Nos |
| Mammary gland | | Adenocarcinoma, Nos |
| Uterus | Endometrium | Hyperplasia, Cystic |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_044

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

| | | |
|-----------------|-------------|------------------------------|
| Kidney | Pelvis | Inflammation, Nos |
| Lung | | Alveolar/Bronchiolar Adenoma |
| Urinary bladder | | Inflammation, Nos |
| Uterus | Endometrium | Hyperplasia, Nos |

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_045

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Lung
Mammary gland

Congestion, Nos
Nephrosis, Hydro
Inflammation, Nos
Adenocarcinoma, Nos
Fibroadenoma
Cyst, Nos

Ovary

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_046

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

| | | |
|-----------------|----------------|--|
| Heart | Myocardium Nos | Inflammation, With Fibrosis |
| Kidney | Pelvis | Inflammation, Nos Nephropathy, Toxic |
| Liver | | Inflammation, Nos |
| Lung | | Adenocarcinoma, Nos, Metastatic |
| Mammary gland | | Inflammation, Nos |
| Spleen | | Adenocarcinoma, Nos |
| Urinary bladder | | Hematopoiesis |
| Uterus | Endometrium | Inflammation, Nos Hyperplasia, Cystic |

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_048

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

| | |
|---------------|---|
| Kidney | Inflammation, Nos Nephropathy, Toxic |
| Liver | Angiectasis |
| Lung | Alveolar/Bronchiolar Adenoma |
| Mammary gland | Pneumonia, Chronic Murine |
| Spleen | Adenocarcinoma/Squamous Metaplasia Hematopoiesis |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_049

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

| | | |
|---------------|--------|--|
| Kidney | | Inflammation, Chronic |
| | Pelvis | Inflammation, Nos |
| Liver | | Angiectasis |
| Lung | | Adenocarcinoma/Squamous Metaplasia, Metastatic |
| | | Pneumonia, Chronic Murine |
| Mammary gland | | Adenocarcinoma/Squamous Metaplasia |
| Spleen | | Hematopoiesis |

PRIMARY CAUSE OF DEATH -

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_050

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Mammary gland

Adenocarcinoma/Squamous Metaplasia

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_001

TRT#: 3
DOSE: 1200 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Gall bladder
Ovary

Cyst, Nos
Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_002

TRT#: 3
DOSE: 1200 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large
Kidney

Colon

Parasitism
Inflammation, Chronic
Nephropathy, Toxic
Angiectasis
Hepatocellular Carcinoma
Congestion, Nos
Squamous Cell Carcinoma

Liver

Lymph node
Stomach

Mesenteric Lymph Node

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_003

TRT#: 3
DOSE: 1200 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

| | | |
|---------------|-------------|------------------------------------|
| Kidney | | Nephropathy, Toxic |
| Liver | Hepatocytes | Hypertrophy, Nos |
| Lung | | Congestion, Nos |
| Mammary gland | | Adenocarcinoma/Squamous Metaplasia |

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_004

TRT#: 3
DOSE: 1200 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

| | |
|---------------|--------------------------|
| Kidney | Nephropathy, Toxic |
| Liver | Angiectasis |
| | Hepatocellular Carcinoma |
| Lung | Congestion, Nos |
| Mammary gland | Adenocarcinoma, Nos |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_005

TRT#: 3
DOSE: 1200 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Liver
Lung
Mammary gland

Nephropathy, Toxic
Angiectasis
Adenocarcinoma/Squamous Metaplasia, Metastatic
Adenocarcinoma/Squamous Metaplasia

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_006

TRT#: 3
DOSE: 1200 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Uterus

Hemangiosarcoma
Hydrometra

Endometrium

Inflammation, Nos
Inflammation, Nos

Vagina

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_007

TRT#: 3
DOSE: 1200 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Lung
Mammary gland

Nephropathy, Toxic
Adenocarcinoma/Squamous Metaplasia, Metastatic
Adenocarcinoma/Squamous Metaplasia

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_008

TRT#: 3
DOSE: 1200 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Spleen

Hematopoiesis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_009

TRT#: 3
DOSE: 1200 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

| | |
|---------------|------------------------------------|
| Kidney | Inflammation, Chronic |
| Lung | Nephropathy, Toxic |
| Mammary gland | Congestion, Nos |
| | Adenocarcinoma/Squamous Metaplasia |

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_010

TRT#: 3
DOSE: 1200 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver

Centrilobular
Centrilobular

Degeneration, Nos
Necrosis, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_011

TRT#: 3
DOSE: 1200 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

| | | |
|---------------|------|--------------------------|
| Kidney | | Nephropathy, Toxic |
| Liver | | Hepatocellular Carcinoma |
| Lung | | Congestion, Nos |
| | | Inflammation, Nos |
| Mammary gland | | Adenocarcinoma, Nos |
| Unspecified | Neck | Basal-Cell Carcinoma |

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_012

TRT#: 3
DOSE: 1200 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large
Kidney
Mammary gland
Spleen
Urinary bladder

Large Intestine, Colon

Nematodiasis
Nephropathy, Toxic
Adenocarcinoma, Nos
Hematopoiesis
Inflammation, Hemorrhagic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_015

TRT#: 3
DOSE: 1200 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Liver
Mammary gland

Nephropathy, Toxic
Hyperplasia, Nodular
Adenocarcinoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_016

TRT#: 3
DOSE: 1200 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

| | |
|---------------|------------------------------------|
| Kidney | Nephropathy, Toxic |
| Liver | Angiectasis |
| Mammary gland | Adenocarcinoma/Squamous Metaplasia |
| Ovary | Cyst, Nos |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_018

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 1200 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Mammary gland

Adenocarcinoma/Squamous Metaplasia

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_019

TRT#: 3
DOSE: 1200 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

| | |
|---------------|------------------------------------|
| Liver | Angiectasis |
| Mammary gland | Inflammation, Nos |
| Spleen | Adenocarcinoma/Squamous Metaplasia |
| | Hematopoiesis |

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_021

TRT#: 3
DOSE: 1200 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

| | |
|---------------|------------------------------------|
| Kidney | Nephropathy, Toxic |
| Liver | Hepatocellular Carcinoma |
| | Thrombus, Organized |
| Mammary gland | Adenocarcinoma/Squamous Metaplasia |
| | Fibrosarcoma |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_022

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 1200 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Nephropathy, Toxic

Liver

Angiectasis

Lung

Hepatocellular Carcinoma

Mammary gland

Congestion, Nos

Spleen

Adenocarcinoma, Nos

Unspecified

Thoracic Cavity Nos

Hematopoiesis

Neurofibrosarcoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_023

TRT#: 3
DOSE: 1200 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

| | |
|---------------|------------------------------------|
| Liver | Hyperplasia, Nodular |
| Lung | Hyperplasia, Adenomatous |
| Mammary gland | Adenocarcinoma/Squamous Metaplasia |
| Spleen | Hematopoiesis |
| Stomach | Ulcer, Nos |

PRIMARY CAUSE OF DEATH -

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_025

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 1200 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Nephropathy, Toxic

Liver

Inflammation, Nos

Lung

Alveolar/Bronchiolar Adenoma

Mammary gland

Adenocarcinoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_026

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 1200 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

| | |
|---------------|------------------------------------|
| Kidney | Nephropathy, Toxic |
| Liver | Angiectasis |
| | Necrosis, Nos |
| Lung | Hyperplasia, Adenomatous |
| Mammary gland | Adenocarcinoma/Squamous Metaplasia |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_027

TRT#: 3
DOSE: 1200 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Small
Kidney
Liver
Mammary gland
Uterus

Ileum

Hepatocellular Carcinoma, Metastatic
Nephropathy, Toxic
Hepatocellular Carcinoma
Adenocarcinoma/Squamous Metaplasia
Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_028

TRT#: 3
DOSE: 1200 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_030

TRT#: 3
DOSE: 1200 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Lung
Mammary gland
Spleen

Nephropathy, Toxic
Alveolar/Bronchiolar Adenoma
Adenocarcinoma/Squamous Metaplasia
Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_031

TRT#: 3
DOSE: 1200 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

| | | |
|--------|-------------|--------------------------|
| Kidney | | Nephropathy, Toxic |
| Liver | | Hepatocellular Carcinoma |
| | Hepatocytes | Hypertrophy, Nos |
| Ovary | | Hemangioma |
| Uterus | Endometrium | Hyperplasia, Cystic |

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_032

TRT#: 3
DOSE: 1200 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

| | | |
|-------|-----|--------------------------------|
| Liver | | Angiectasis |
| Lung | | Alveolar/Bronchiolar Carcinoma |
| Skin | Ear | Hematoma, Nos |

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_033

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 1200 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Lymph node
Spleen
Uterus

Lymphoma, Nos-Malignant
Hematopoiesis
Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_034

TRT#: 3
DOSE: 1200 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

| | |
|---------------|------------------------------------|
| Kidney | Nephropathy, Toxic |
| Lung | Congestion, Nos |
| Mammary gland | Adenocarcinoma/Squamous Metaplasia |
| Spleen | Hematopoiesis |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_035

TRT#: 3
DOSE: 1200 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver
Angiectasis
Hepatocellular Carcinoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_036

TRT#: 3
DOSE: 1200 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large
Kidney
Ovary

Large Intestine, Colon

Inflammation, Hemorrhagic
Nephropathy, Toxic
Cyst, Nos
Hemangiosarcoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_037

TRT#: 3
DOSE: 1200 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Spleen

Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_038

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 1200 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Nephropathy, Toxic

Liver

Hemangiosarcoma

Unspecified

Back

Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_040

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 1200 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

| | | |
|-------------|---------------------|--------------------------------------|
| Kidney | | Nephropathy, Toxic |
| Unspecified | Multiple Organs Nos | Lymphoma, Lymphocytic-Malignant Type |

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_041

TRT#: 3
DOSE: 1200 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver
Lung
Mammary gland
Spleen

Angiectasis
Hyperplasia, Adenomatous
Adenocarcinoma, Nos
Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_042

TRT#: 3
DOSE: 1200 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

| | |
|---------------|-----------------------|
| Kidney | Nephropathy, Toxic |
| Liver | Angiectasis |
| | Thrombosis, Nos |
| Lung | Hyperplasia, Lymphoid |
| Mammary gland | Adenocarcinoma, Nos |
| | Adenoma, Nos |
| Spleen | Hematopoiesis |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_043

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 1200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

| | | |
|---------------|-------------|---------------------------------|
| Kidney | | Nephropathy, Toxic |
| Liver | | Angiectasis |
| Lung | | Adenocarcinoma, Nos, Metastatic |
| Mammary gland | | Adenocarcinoma, Nos |
| Spleen | | Hematopoiesis |
| Uterus | Endometrium | Hyperplasia, Cystic |

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_044

TRT#: 3
DOSE: 1200 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

| | |
|---------------|--|
| Kidney | Nephropathy, Toxic |
| Liver | Angiectasis |
| Lung | Adenocarcinoma/Squamous Metaplasia, Metastatic |
| | Alveolar/Bronchiolar Carcinoma |
| Mammary gland | Adenocarcinoma/Squamous Metaplasia |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_045

TRT#: 3
DOSE: 1200 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

| | |
|---------------|---------------------|
| Kidney | Nephrosis, Hydro |
| Liver | Angiectasis |
| Lung | Congestion, Nos |
| Mammary gland | Adenocarcinoma, Nos |
| Spleen | Hematopoiesis |
| Vagina | Inflammation, Nos |

PRIMARY CAUSE OF DEATH -

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_046

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 1200 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Mammary gland

Adenocarcinoma/Squamous Metaplasia

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_047

TRT#: 3
DOSE: 1200 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver
Spleen

Inflammation, Nos
Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_048

TRT#: 3
DOSE: 1200 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Mammary gland
Ovary
Spleen

Nephropathy, Toxic
Adenocarcinoma/Squamous Metaplasia
Cyst, Nos
Lymphoma, Lymphocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_049

TRT#: 3
DOSE: 1200 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Unspecified
Uterus

Axilla

Fibrosarcoma
Hydrometra

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sulfallate
CAS Number: 95-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 14:46:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_050

TRT#: 3
DOSE: 1200 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

| | | |
|---------------|-------------|----------------------|
| Kidney | | Nephropathy, Toxic |
| Liver | | Hyperplasia, Nodular |
| Mammary gland | | Adenocarcinoma, Nos |
| Spleen | | Hematopoiesis |
| Uterus | Endometrium | Hyperplasia, Cystic |

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****