

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
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:	Male

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_001

TRT#: 1
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain		Glioma, Nos
Heart	Myocardium Nos	Inflammation, Nos
Kidney		Inflammation, Chronic
Skin		Cyst, Epidermal Inclusion

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_002

TRT#: 1
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Lung
Mammary gland
Prostate
Seminal vesicle

Pyelonephritis, Nos
Pneumonia, Chronic Murine
Adenocarcinoma, Nos
Inflammation, Nos
Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_003

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Testis
Thyroid

Inflammation, Chronic
Atrophy, Nos
Hyperplasia, Follicular Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_004

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Prostate		Inflammation, Nos
Unspecified	Chest	Hemangiosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_005

TRT#: 1
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Thyroid

Lipoma
Follicular-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_006

TRT#: 1
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Inflammation, Chronic
Lung	Pneumonia, Chronic Murine
Prostate	Inflammation, Nos
Spleen	Hemangiosarcoma
Thyroid	Follicular-Cell Adenoma
	Follicular-Cell Carcinoma
Unspecified	Abscess, Nos

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
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

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

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_008

TRT#: 1
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Nos
Kidney		Pyelonephritis, Nos
Liver		Hyperplasia, Nos
Mammary gland		Adenocarcinoma, Nos
Prostate		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_009

TRT#: 1
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Liver		Cyst, Nos
	Bile Duct	Hyperplasia, Nos
Pituitary gland		Chromophobe Adenoma
Prostate		Inflammation, Nos
Urinary bladder		Inflammation, Nos
		Papilloma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_010

TRT#: 1
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Inflammation, Chronic
Liver	Hyperplasia, Nos
Lung	Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_011

TRT#: 1
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Lung
Prostate

Inflammation, Chronic
Pneumonia, Chronic Murine
Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_012

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Blood vessel	Aorta Nos	Arteriosclerosis, Nos
Heart	Myocardium Nos	Inflammation, Nos
Kidney		Inflammation, Chronic
Lung		Pneumonia, Chronic Murine
Thyroid		Follicular-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_013

TRT#: 1
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver
Skeletal muscle

Metamorphosis, Fatty
Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_014

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Blood vessel	Aorta Nos	Arteriosclerosis, Nos
Heart	Myocardium Nos	Inflammation, Nos
Kidney		Inflammation, Chronic
Pancreas		Periarteritis
Thyroid		Hyperplasia, Follicular Cell
Trachea		Inflammation, Nos
Urinary bladder		Papilloma, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
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
Prostate	Inflammation, Nos
Unspecified	Hemangiosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_016

TRT#: 1
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Liver		Hyperplasia, Nos
Stomach		Inflammation, Nos
Trachea		Inflammation, Nos
Unspecified	Abdominal Cavity	Lipoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_017

TRT#: 1
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Nos
	Pericardium Nos	Inflammation, Nos
Kidney		Inflammation, Chronic
Prostate		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_018

TRT#: 1
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Mammary gland

Angiectasis
Lipoma
Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_019

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_020

TRT#: 1
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Spleen		Fibrosis
Testis		Atrophy, Nos
Unspecified	Back	Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_021

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Hemangiosarcoma
Lung	Mixed Tumor, Malignant
Testis	Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_022

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Eye
Heart
Kidney
Parathyroid gland

Myocardium Nos

Phthisis Bulbi
Inflammation, Nos
Inflammation, Chronic
Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_023

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Nos
	Pericardium Nos	Inflammation, Nos
Kidney		Nephrosis, Pyo
Lung		Pneumonia, Chronic Murine
Testis		Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_024

TRT#: 1
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Nos
Kidney		Inflammation, Chronic
Lung		Hemangiosarcoma, Metastatic
Prostate		Hemangiosarcoma, Metastatic
Seminal vesicle		Hemangiosarcoma, Metastatic
Skeletal muscle		Degeneration, Nos
Thyroid		Hyperplasia, C Cell
Unspecified	Abdomen	Hemangiosarcoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_025

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Liver
Lung

Inflammation, Chronic
Cyst, Nos
Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_026

TRT#: 1
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Esophagus	Inflammation, Nos
Kidney	Inflammation, Chronic
Lung	Pneumonia, Chronic Murine
Testis	Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_027

TRT#: 1
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Liver		Inflammation, Nos
Lymph node	Mesenteric Lymph Node	Cyst, Nos
Pancreas		Periarteritis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_028

TRT#: 1
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Liver		Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Pancreas	Islets	Islet-Cell Adenoma
Pituitary gland		Chromophobe Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_030

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Lung
Spleen

Inflammation, Chronic
Pneumonia, Chronic Murine
Hemangiosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_031

TRT#: 1
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Liver
Lung

Bile Duct

Angiectasis
Inflammation, Chronic
Hyperplasia, Nos
Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_032

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung
Unspecified

Multiple Organs Nos

Pneumonia, Chronic Murine
Lymphoma, Lymphocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_033

TRT#: 1
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Trachea

Angiectasis
Inflammation, Chronic
Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_034

TRT#: 1
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Mammary gland
Pituitary gland
Thyroid

Angiectasis
Inflammation, Chronic
Galactocele
Chromophobe Adenoma
Hyperplasia, Follicular Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_035

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung
Testis
Unspecified

Pneumonia, Chronic Murine
Atrophy, Nos
Hemangiosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_036

TRT#: 1
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Inflammation, Chronic
Liver	Inflammation, Nos
Testis	Atrophy, Nos
Thyroid	Hyperplasia, Follicular Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_037

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Blood vessel
Harderian gland
Kidney

Aorta Nos
Hardarian Gland

Arteriosclerosis, Nos
Inflammation, Nos
Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_038

TRT#: 1
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Lung
Spleen

Angiectasis
Inflammation, Chronic
Pneumonia, Chronic Murine
Hemangiosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_039

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Myocardium Nos Pericardium Nos	Inflammation, Nos Inflammation, Nos
Kidney		Abscess, Nos Inflammation, Chronic
Lung		Pneumonia, Chronic Murine
Spleen		Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_040

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Lung

Inflammation, Chronic
Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_041

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Large
Intestine Small
Kidney
Liver
Pancreas
Pituitary gland
Testis
Urinary bladder

Myocardium Nos
Colon
Mesentery Nos

Angiectasis
Fibrosis
Inflammation, Nos
Periarteritis
Inflammation, Chronic
Metamorphosis, Fatty
Periarteritis
Cyst, Nos
Atrophy, Nos
Papilloma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_042

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Nos
Intestine Small	Mesentery Nos	Periarteritis
Kidney		Hemangiosarcoma
Liver		Inflammation, Nos
		Metamorphosis, Fatty
Pancreas		Periarteritis
Parathyroid gland		Hyperplasia, Nos
Testis		Atrophy, Nos
Thyroid		Follicular-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_043

TRT#: 1
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Inflammation, Chronic
Pancreas	Periarteritis
Trachea	Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_044

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Blood vessel
Heart

Aorta Nos
Myocardium Nos
Pericardium Nos

Arteriosclerosis, Nos
Inflammation, Nos
Inflammation, Nos
Inflammation, Chronic
Pneumonia, Chronic Murine

Kidney
Lung

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_045

TRT#: 1
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_046

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Angiectasis
Heart		Hemangiosarcoma, Metastatic
Kidney		Inflammation, Chronic
Liver		Hemangiosarcoma, Metastatic
Lung		Hemangiosarcoma, Metastatic
Skeletal muscle	Thorax	Hemangiosarcoma
Thyroid		Cyst, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_047

TRT#: 1
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Nos
Kidney		Inflammation, Chronic
Parathyroid gland		Hyperplasia, Nos
Skin		Hemangiopericytoma, Malignant
Thyroid		Follicular-Cell Adenoma
		Follicular-Cell Carcinoma
Unspecified	Axilla	Fibrosarcoma
	Multiple Organs Nos	Hemangiosarcoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_048

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_049

TRT#: 1
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Nos
Kidney		Inflammation, Chronic
Liver		Hyperplasia, Nos
Prostate		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_050

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Mammary gland
Pituitary gland
Spleen

Angiectasis
Inflammation, Chronic
Fibroadenoma
Chromophobe Adenoma
Hemangiosarcoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_001

TRT#: 2
DOSE: 250 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain		Fibrosarcoma
Heart	Myocardium Nos	Fibrosis, Diffuse
Kidney		Inflammation, Chronic
Liver		Cytoplasmic Vacuolization
	Bile Duct	Hyperplasia, Nos
Lung	Bronchus	Hyperplasia, Lymphoid
Parathyroid gland		Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_003

TRT#: 2
DOSE: 250 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Liver
Spleen
Unspecified

Cortex Nos
Centrilobular
Axilla

Cytoplasmic Vacuolization
Degeneration, Nos
Hematopoiesis
Fibrous Histiocytoma, Malignant

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_004

TRT#: 2
DOSE: 250 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hypertrophy, Nos
Heart	Myocardium Nos	Fibrosis, Diffuse
	Myocardium Nos	Inflammation, Nos
Kidney		Congestion, Nos
		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Lung		Inflammation, Necrotizing
Prostate		Inflammation, Nos
Stomach		Acanthosis
		Hyperkeratosis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_005

TRT#: 2
DOSE: 250 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Pituitary gland

Carcinoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_006

TRT#: 2
DOSE: 250 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Blood vessel	Aorta Nos	Calcification, Nos
Heart		Mineralization
Kidney	Cortex	Cyst, Nos
		Inflammation, Chronic
		Mineralization
Liver		Metamorphosis, Fatty
Lung		Hyperplasia, Lymphoid
		Mineralization
Parathyroid gland		Hyperplasia, Nos
Salivary gland	Submaxillary Gland Nos	Fibrosarcoma
Stomach		Mineralization
Testis		Atrophy, Nos
		Granuloma, Spermatic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_007

TRT#: 2
DOSE: 250 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Atrophy, Nos
Heart	Myocardium Nos	Inflammation, Nos
Kidney		Inflammation, Chronic
		Nephropathy, Toxic
Liver	Bile Duct	Hyperplasia, Nos
	Hepatocytes	Hypertrophy, Nos
	Bile Duct	Inflammation, Nos
Lung		Alveolar/Bronchiolar Adenoma
		Hyperplasia, Lymphoid
Stomach		Acanthosis
		Hyperkeratosis
Testis		Atrophy, Nos
Thyroid		Follicular-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_009

TRT#: 2
DOSE: 250 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis, Diffuse
Kidney		Inflammation, Chronic
Liver	Centrilobular	Degeneration, Nos
Salivary gland	Submaxillary Gland Nos	Edema, Nos
	Submaxillary Gland Nos	Fibrosis
Testis		Atrophy, Nos
Unspecified	Axilla	Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_010

TRT#: 2
DOSE: 250 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Degeneration, Cytologic
	Cortex Nos	Hypertrophy, Nos
Heart	Myocardium Nos	Inflammation, Nos
Kidney		Inflammation, Chronic
Liver	Hepatocytes	Hypertrophy, Nos
Lung		Hyperplasia, Lymphoid
Prostate		Inflammation, Nos
Stomach		Acanthosis
		Hyperkeratosis
Thyroid		Follicular-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_012

TRT#: 2
DOSE: 250 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Degeneration, Cytologic

Kidney

Hypertrophy, Nos

Liver

Bile Duct

Inflammation, Chronic

Lung

Hyperplasia, Nos

Pancreas

Hyperplasia, Lymphoid

Thyroid

Atrophy, Nos

C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_013

TRT#: 2
DOSE: 250 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Degeneration, Cytologic
	Cortex Nos	Hypertrophy, Nos
Heart	Myocardium Nos	Fibrosis
	Myocardium Nos	Inflammation, Nos
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Nos
Lung		Hyperplasia, Lymphoid
Skin		Papilloma, Nos
		Squamous Cell Carcinoma
Spleen		Hematopoiesis
Testis		Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_014

TRT#: 2
DOSE: 250 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Lung
Thyroid

Inflammation, Chronic
Hyperplasia, Lymphoid
C-Cell Adenoma
C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_015

TRT#: 2
DOSE: 250 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Eye	Cataract
	Mineralization
Spleen	Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_016

TRT#: 2
DOSE: 250 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney

Pelvis

Inflammation, Chronic

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_018

TRT#: 2
DOSE: 250 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Degeneration, Cytologic
	Cortex Nos	Hypertrophy, Nos
Brain		Astrocytoma
Eye	Lacrimal Gland	Hyperplasia, Nos
		Inflammation, Nos
Kidney	Cortex	Cyst, Nos
		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Nos
Lung		Hyperplasia, Lymphoid
Spleen		Hemangioma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_019

TRT#: 2
DOSE: 250 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Cortical Adenoma
Heart	Myocardium Nos	Fibrosis, Diffuse
Kidney		Inflammation, Chronic
Liver		Cytoplasmic Vacuolization
		Degeneration, Cytologic
	Hepatocytes	Hypertrophy, Nos
Lung		Inflammation, Necrotizing
Lymph node	Mesenteric Lymph Node	Edema, Nos
Pancreas		Atrophy, Nos
Spleen		Hematopoiesis
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_020

TRT#: 2
DOSE: 250 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Degeneration, Cytologic

Heart

Myocardium Nos

Hypertrophy, Nos

Kidney

Inflammation, With Fibrosis

Liver

Inflammation, Chronic

Cytoplasmic Vacuolization

Bile Duct

Hyperplasia, Nos

Bile Duct

Inflammation, Nos

Lung

Hyperplasia, Lymphoid

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_021

TRT#: 2
DOSE: 250 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Skin	Ear	Fibrosarcoma
Stomach		Acanthosis
		Hyperkeratosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_022

TRT#: 2
DOSE: 250 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney

Cortex

Cyst, Nos
Inflammation, Chronic

Liver

Bile Duct

Hyperplasia, Nos
Metamorphosis, Fatty

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_023

TRT#: 2
DOSE: 250 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Degeneration, Cytologic
	Cortex Nos	Hypertrophy, Nos
Heart	Myocardium Nos	Inflammation, Nos
Kidney		Inflammation, Chronic
Liver		Cytoplasmic Vacuolization
	Hepatocytes	Hypertrophy, Nos
Lung		Hyperplasia, Lymphoid
Spleen		Hemangiosarcoma
Unspecified	Axilla	Fibroma
	Abdominal Cavity	Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_025

TRT#: 2
DOSE: 250 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Degeneration, Cytologic

Heart

Myocardium Nos

Hypertrophy, Nos

Kidney

Inflammation, Nos

Lung

Inflammation, Chronic

Pituitary gland

Hyperplasia, Lymphoid

Testis

Cyst, Nos

Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_026

TRT#: 2
DOSE: 250 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Skin

Squamous Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_029

TRT#: 2
DOSE: 250 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
	Hepatocytes	Hypertrophy, Nos
	Bile Duct	Inflammation, Nos
Lung		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_030

TRT#: 2
DOSE: 250 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney

Cortex

Cyst, Nos
Inflammation, Chronic
Metamorphosis, Fatty
Mineralization

Liver
Stomach

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_031

TRT#: 2
DOSE: 250 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Nos
Lung		Hyperplasia, Lymphoid

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_032

TRT#: 2
DOSE: 250 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Degeneration, Cytologic
Blood vessel	Aorta Nos	Calcification, Nos
Epididymis		Granuloma, Spermatic
		Mineralization
Heart	Myocardium Nos	Fibrosis
	Myocardium Nos	Inflammation, Nos
Kidney		Inflammation, Chronic
		Mineralization
Liver		Cytoplasmic Vacuolization
	Bile Duct	Hyperplasia, Nos
	Hepatocytes	Hypertrophy, Nos
		Metamorphosis, Fatty
Lung		Hyperplasia, Lymphoid
Parathyroid gland		Hyperplasia, Nos
Stomach		Mineralization
Testis		Granuloma, Spermatic
		Mineralization

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_034

TRT#: 2
DOSE: 250 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Degeneration, Cytologic
	Cortex Nos	Hypertrophy, Nos
Epididymis		Atrophy, Nos
Kidney	Cortex	Cyst, Nos
		Inflammation, Chronic
		Mixed Tumor, Malignant
Liver		Cytoplasmic Vacuolization
	Bile Duct	Hyperplasia, Nos
	Hepatocytes	Hypertrophy, Nos
	Bile Duct	Inflammation, Nos
Lung		Hyperplasia, Lymphoid
Salivary gland	Submaxillary Gland Nos	Sarcoma, Nos
Testis		Atrophy, Nos
Thyroid		Follicular-Cell Adenoma
		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_035

TRT#: 2
DOSE: 250 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Salivary gland

Submaxillary Gland Nos

Abscess, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_037

TRT#: 2
DOSE: 250 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Pheochromocytoma
Heart	Endocardium Nos	Metaplasia, Osseous
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Nos
Lung		Hyperplasia, Lymphoid
Spleen		Hemangiosarcoma
Stomach		Acanthosis
		Foreign Body, Reaction
		Hyperkeratosis
Thyroid		Follicular-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_038

TRT#: 2
DOSE: 250 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Degeneration, Cytologic
	Cortex Nos	Hypertrophy, Nos
Heart	Myocardium Nos	Fibrosis
	Myocardium Nos	Inflammation, Nos
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Lung		Hyperplasia, Lymphoid
Spleen		Fibrosis
Thyroid		C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_041

TRT#: 2
DOSE: 250 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Degeneration, Cytologic
	Cortex Nos	Hypertrophy, Nos
Kidney		Mineralization
		Mixed Tumor, Malignant
Liver		Metamorphosis, Fatty
Lung		Edema, Nos
		Mineralization
Stomach		Mineralization
Testis		Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_042

TRT#: 2
DOSE: 250 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Degeneration, Cytologic

Heart

Myocardium Nos

Hypertrophy, Nos

Kidney

Fibrosis, Diffuse

Liver

Bile Duct

Inflammation, Chronic

Lung

Hyperplasia, Nos

Spleen

Hyperplasia, Lymphoid

Thyroid

Hemangiosarcoma

Follicular-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_043

TRT#: 2
DOSE: 250 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Pituitary gland
Stomach

Chromophobe Adenoma
Acanthosis
Hyperkeratosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_045

TRT#: 2
DOSE: 250 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Pituitary gland
Prostate

Chromophobe Adenoma
Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_046

TRT#: 2
DOSE: 250 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Degeneration, Cytologic
	Cortex Nos	Hypertrophy, Nos
Heart	Myocardium Nos	Inflammation, Nos
Intestine Small	Mesentery Nos	Periarteritis
Kidney		Inflammation, Chronic
Lung		Hyperplasia, Lymphoid
		Pneumonia, Chronic Murine
Pancreas		Periarteritis
Stomach		Acanthosis
		Hyperkeratosis
Testis	Tunica Vaginalis	Mesothelioma, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_047

TRT#: 2
DOSE: 250 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Endocardium Nos	Endocarditis, Bacterial
Kidney		Inflammation, Chronic
Liver		Metamorphosis, Fatty
	Centrilobular	Necrosis, Nos
Lung		Hyperplasia, Lymphoid
Spleen		Hematopoiesis
Testis		Atrophy, Nos
Unspecified	Leg	Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_048

TRT#: 2
DOSE: 250 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Inflammation, Chronic
Lung	Hyperplasia, Lymphoid
Thyroid	Follicular-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_049

TRT#: 2
DOSE: 250 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Degeneration, Cytologic
	Cortex Nos	Hypertrophy, Nos
Brain		Astrocytoma
Heart	Myocardium Nos	Fibrosis, Diffuse
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Nos
Lung		Hyperplasia, Lymphoid
Spleen		Hemangiosarcoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_050

TRT#: 2
DOSE: 250 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Nos
Kidney		Abscess, Nos
	Pelvis	Dilatation, Nos
Lung		Carcinoma, Nos, Metastatic
Prostate		Inflammation, Nos
Seminal vesicle		Inflammation, Nos
Unspecified		Abscess, Nos

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_002

TRT#: 3
DOSE: 500 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung Hyperplasia, Lymphoid

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_004

TRT#: 3
DOSE: 500 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Stomach

Acanthosis
Ulcer, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_007

TRT#: 3
DOSE: 500 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Nos
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Lung		Hyperplasia, Lymphoid
Thyroid		Cystic Follicles

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_009

TRT#: 3
DOSE: 500 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Degeneration, Cytologic
	Cortex Nos	Hypertrophy, Nos
Kidney		Inflammation, Chronic
		Nephropathy, Toxic
Liver	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Nos
Pituitary gland		Cyst, Nos
Testis	Tunica Vaginalis	Mesothelioma, Nos
Thyroid		Cystic Follicles
		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_011

TRT#: 3
DOSE: 500 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Prostate

Mineralization
Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_012

TRT#: 3
DOSE: 500 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Nos
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Nos
Lung	Bronchus	Hyperplasia, Lymphoid
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_013

TRT#: 3
DOSE: 500 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic Nephropathy, Toxic
Lung		Hyperplasia, Lymphoid
Pancreas		Atrophy, Nos
Prostate		Inflammation, Nos
Testis	Tunica Vaginalis	Mesothelioma, Nos
Thyroid		C-Cell Adenoma Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_014

TRT#: 3
DOSE: 500 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Degeneration, Cytologic Pheochromocytoma
Blood vessel	Aorta Nos	Periarteritis
Kidney		Inflammation, Chronic
Lung		Hyperplasia, Lymphoid
Pituitary gland		Chromophobe Adenoma
Spleen		Hematopoiesis
Stomach		Acanthosis Hyperkeratosis
Unspecified		Ulcer, Nos Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_015

TRT#: 3
DOSE: 500 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Liver

Lung

Pituitary gland

Prostate

Thyroid

Bile Duct

Hepatocytes

Cortical Adenoma

Degeneration, Cytologic

Inflammation, Chronic

Hyperplasia, Nos

Hypertrophy, Nos

Hyperplasia, Lymphoid

Hyperplasia, Chromophobe Cell

Inflammation, Nos

Follicular-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_019

TRT#: 3
DOSE: 500 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Unspecified

Multiple Organs Nos

Nephropathy, Toxic
Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_020

TRT#: 3
DOSE: 500 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Unspecified

Squamous Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_025

TRT#: 3
DOSE: 500 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Degeneration, Cytologic
Brain		Glioma, Nos
Kidney		Inflammation, Chronic
	Pelvis	Inflammation, Nos
		Nephropathy, Toxic
Liver	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Nos
		Inflammation, Nos
Lung		Hyperplasia, Lymphoid

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_026

TRT#: 3
DOSE: 500 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lymph node
Thyroid

Cervical Lymph Node Nos

Squamous Cell Carcinoma
Squamous Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_027

TRT#: 3
DOSE: 500 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Degeneration, Cytologic
	Cortex Nos	Hypertrophy, Nos
Heart	Myocardium Nos	Inflammation, Nos
Kidney		Inflammation, Chronic
Liver		Hemangiosarcoma
	Bile Duct	Hyperplasia, Nos
Lung		Hyperplasia, Lymphoid
Pancreas		Periarteritis
Pituitary gland		Hyperplasia, Chromophobe Cell
Spleen		Hemangiosarcoma
Thyroid		C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_028

TRT#: 3
DOSE: 500 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Degeneration, Cytologic
	Cortex Nos	Hypertrophy, Nos
Heart	Myocardium Nos	Inflammation, Nos
Kidney		Nephropathy, Toxic
Liver	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Nos
Spleen		Sarcoma, Nos
Stomach		Papilloma, Nos
Testis		Atrophy, Nos
Thyroid		Squamous Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_029

TRT#: 3
DOSE: 500 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic Nephropathy, Toxic
Liver	Bile Duct	Inflammation, Nos
Lung		Hyperplasia, Lymphoid
Pancreas		Atrophy, Nos
Prostate		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_030

TRT#: 3
DOSE: 500 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Hypoplasia, Hematopoietic
Esophagus		Squamous Cell Carcinoma
Kidney		Nephropathy, Toxic
Liver	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Nos
		Metamorphosis, Fatty
Lung		Inflammation, Nos
Pituitary gland		Meningioma
Stomach		Acanthosis
		Hyperkeratosis
		Squamous Cell Carcinoma
		Ulcer, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_033

TRT#: 3
DOSE: 500 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Stomach

Acanthosis
Hyperkeratosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_034

TRT#: 3
DOSE: 500 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain		Astrocytoma
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Nos
Lung		Hyperplasia, Lymphoid

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_035

TRT#: 3
DOSE: 500 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Degeneration, Cytologic
	Cortex Nos	Hypertrophy, Nos
Heart	Myocardium Nos	Inflammation, Nos
Kidney		Nephropathy, Toxic
Liver		Hematopoiesis
	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Nos
	Hepatocytes	Necrosis, Nos
Lung	Bronchus	Hyperplasia, Lymphoid
Skin	Face	Squamous Cell Carcinoma
Spleen		Hematopoiesis
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_037

TRT#: 3
DOSE: 500 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic Nephropathy, Toxic
Lung	Bronchus	Hyperplasia, Lymphoid Squamous Cell Carcinoma
Stomach		Atrophy, Nos
Testis		Squamous Cell Carcinoma, Metastatic
Thyroid		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_038

TRT#: 3
DOSE: 500 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Stomach

Acanthosis
Hyperkeratosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_042

TRT#: 3
DOSE: 500 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis, Diffuse
	Myocardium Nos	Inflammation, Nos
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Lung		Hyperplasia, Lymphoid
Parathyroid gland		Hyperplasia, Nos
Spleen		Hemangiosarcoma
Stomach		Squamous Cell Papilloma

PRIMARY CAUSE OF DEATH -

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_043

TRT#: 3
DOSE: 500 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hypertrophy, Nos
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Nos
Lung		Hyperplasia, Lymphoid
Pancreas		Atrophy, Nos
Pituitary gland		Chromophobe Adenoma
Prostate		Inflammation, Nos
Skin	Lower Leg	Cyst, Epidermal Inclusion
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_044

TRT#: 3
DOSE: 500 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
	Hepatocytes	Hypertrophy, Nos
	Bile Duct	Inflammation, Nos
Lung		Hyperplasia, Lymphoid
		Pneumonia, Chronic Murine
Pituitary gland		Chromophobe Adenoma
Stomach		Ulcer, Nos
Thyroid		Follicular-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_046

TRT#: 3
DOSE: 500 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Degeneration, Cytologic
	Cortex Nos	Hypertrophy, Nos
Esophagus		Papilloma, Nos
Kidney		Inflammation, Chronic
Liver	Hepatocytes	Hypertrophy, Nos
Lung		Hyperplasia, Lymphoid
Stomach		Acanthosis
		Hyperkeratosis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:36
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_047

TRT#: 3
DOSE: 500 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Eye	Crystalline Lens	Degeneration, Nos
-----	------------------	-------------------

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:36
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_048

TRT#: 3
DOSE: 500 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Nos
Skin	Back	Cyst, Epidermal Inclusion

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:36
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_049

TRT#: 3
DOSE: 500 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Stomach

Acanthosis
Hyperkeratosis
Papilloma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00453
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:24:36
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_050

TRT#: 3
DOSE: 500 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Abscess, Nos
Liver	Metamorphosis, Fatty
	Necrosis, Nos
Lung	Inflammation, Nos
Stomach	Necrosis, Focal
	Thrombosis, Nos
Testis	Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****