

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

C Number: C50033A

Cage Range: All

Date Range: All

Reasons For Removal: All

Removal Date Range: All

Treatment Groups: All

Study Gender: Male

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_001

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Pituitary gland		Chromophobe Adenoma
Skin		Acariasis
Testis		Interstitial-Cell Tumor
Unspecified	Back	Fibroma
	Axilla	Trichoepithelioma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_002

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Liver

Lung

Pancreas

Pituitary gland

Testis

Islets

Pheochromocytoma, Malignant

Inflammation, Chronic

Angiectasis

Pneumonia, Chronic Murine

Hyperplasia, Nos

Chromophobe Adenoma

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_003

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Liver

Focal Cellular Change

Lung

Pneumonia, Chronic Murine

Preputial gland

Carcinoma, Nos

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_004

TRT#: 1

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Pancreas

Parathyroid gland

Testis

Urinary bladder

Medulla

Myocardium Nos

Hyperplasia, Focal

Fibrosis

Congestion, Nos

Inflammation, Chronic

Congestion, Nos

Congestion, Nos

Pneumonia, Chronic Murine

Atrophy, Focal

Hyperplasia, Nos

Interstitial-Cell Tumor

Papilloma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_005

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye

Retina

Atrophy, Nos

Cataract

Heart

Myocardium Nos

Fibrosis

Kidney

Inflammation, Chronic

Liver

Focal Cellular Change

Lung

Pneumonia, Chronic Murine

Pancreas

Islets

Hyperplasia, Nos

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_006

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Liver		Necrosis, Peripheral
Lung		Leukemoid Reaction
Testis		Hyperplasia, Interstitial Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_007

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Ear	External Ear	Fibrosarcoma
Heart	Myocardium Nos	Fibrosis
Intestine Small	Ileum	Necrosis, Fat
Kidney		Inflammation, Chronic
Lung		Periarteritis
		Pneumonia, Chronic Murine
Pancreas		Atrophy, Focal
Pituitary gland		Chromophobe Adenoma
Prostate		Inflammation, Acute
Skin	Back	Keratoacanthoma
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_008

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Focal

Pheochromocytoma

Kidney

Inflammation, Chronic

Lung

Pneumonia, Chronic Murine

Prostate

Inflammation, Acute/Chronic

Testis

Interstitial-Cell Tumor

Unspecified

Tunica Vaginalis

Mesothelioma, Malignant

Adipose Tissue

Mesothelioma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_009

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Focal

Heart

Myocardium Nos

Fibrosis

Kidney

Inflammation, Chronic

Lung

Pneumonia, Chronic Murine

Pancreas

Atrophy, Focal

Preputial gland

Carcinoma, Nos

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_010

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Pancreas

Atrophy, Focal

Stomach

Ulcer, Focal

Testis

Interstitial-Cell Tumor

Unspecified

Flank

Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_011

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain	Cerebellum Nos	Meningioma
Liver		Angiectasis
Lung		Congestion, Nos
Prostate		Inflammation, Acute
Stomach		Ulcer, Focal
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_012

TRT#: 1

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Lung		Pneumonia, Chronic Murine
Testis		Interstitial-Cell Tumor
		Periarteritis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

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

Kidney

Lung

Pancreas

Preputial gland

Prostate

Testis

Inflammation, Chronic

Pneumonia, Chronic Murine

Atrophy, Diffuse

Carcinoma, Nos

Inflammation, Acute

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_014

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain	Leptomeninges	Inflammation, Chronic
Lung		Pneumonia, Chronic Murine
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_015

TRT#: 1

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Lung

Pancreas

Testis

Inflammation, Chronic

Pneumonia, Chronic Murine

Atrophy, Focal

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_016

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Lung		Metaplasia, Osseous
		Pneumonia, Chronic Murine
Preputial gland		Degeneration, Cystic
		Hyperplasia, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

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

Adrenal gland

Brain

Kidney

Liver

Lung

Testis

Leptomeninges

Pheochromocytoma, Malignant

Hemorrhage

Inflammation, Chronic

Focal Cellular Change

Pneumonia, Chronic Murine

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

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

Eye

Kidney

Lung

Retina

Pheochromocytoma

Atrophy, Nos

Inflammation, Chronic

Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_019

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain		Astrocytoma
Heart	Myocardium Nos	Fibrosis, Diffuse
Kidney		Inflammation, Chronic
Prostate		Inflammation, Acute/Chronic
Salivary gland	Submaxillary Gland Nos	Atrophy, Diffuse
Stomach	Forestomach	Ulcer, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

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

Adrenal gland

Heart

Intestine Small

Kidney

Lung

Pancreas

Testis

Thyroid

Myocardium Nos

Mesentery Nos

Pheochromocytoma

Fibrosis, Diffuse

Necrosis, Fat

Inflammation, Chronic

Congestion, Nos

Pneumonia, Chronic Murine

Atrophy, Focal

Interstitial-Cell Tumor

Follicular-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_021

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver

Metamorphosis, Fatty

Stomach

Inflammation, Chronic

Unspecified

Multiple Organs Nos

Leukemia, Granulocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_022

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye

Retina

Atrophy, Nos

Cataract

Heart

Myocardium Nos

Fibrosis

Intestine Large

Large Intestine, Colon

Parasitism

Kidney

Inflammation, Chronic

Lung

Pneumonia, Chronic Murine

Prostate

Inflammation, Acute/Chronic

Testis

Interstitial-Cell Tumor

Unspecified

Mediastinum Nos

Periarteritis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_023

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Brain

Eye

Heart

Kidney

Lung

Mammary gland

Pancreas

Leptomeninges

Retina

Myocardium Nos

Congestion, Nos

Hemorrhage

Atrophy, Nos

Synechia, Posterior

Fibrosis

Inflammation, Chronic

Granuloma, Foreign Body

Pneumonia, Chronic Murine

Fibroadenoma

Atrophy, Focal

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_024

TRT#: 1

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Liver

Lung

Prostate

Testis

Inflammation, Chronic

Focal Cellular Change

Pneumonia, Chronic Murine

Inflammation, Acute/Chronic

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_025

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Focal

Pheochromocytoma, Malignant

Heart

Myocardium Nos

Fibrosis, Diffuse

Kidney

Inflammation, Chronic

Lung

Pneumonia, Chronic Murine

Prostate

Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_026

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart

Liver

Lung

Lymph node

Centrilobular

Inflammation, Chronic

Necrosis, Nos

Congestion, Passive

Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

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

Adrenal gland

Heart

Kidney

Liver

Lung

Pancreas

Pituitary gland

Prostate

Testis

Medulla

Myocardium Nos

Islets

Hyperplasia, Focal

Fibrosis

Inflammation, Chronic

Focal Cellular Change

Pneumonia, Chronic Murine

Hyperplasia, Nos

Chromophobe Adenoma

Inflammation, Acute/Chronic

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

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

Adrenal gland

Kidney

Liver

Lung

Pancreas

Skin

Testis

Thymus

Groin

Congestion, Nos

Inflammation, Chronic

Focal Cellular Change

Pneumonia, Chronic Murine

Atrophy, Focal

Keratoacanthoma

Interstitial-Cell Tumor

Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_029

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Intestine Small
Kidney

Medulla
Mesentery Nos

Hyperplasia, Focal
Necrosis, Fat
Inflammation, Chronic

Liver
Lung
Lymph node
Pancreas

Tubule

Pigmentation, Nos
Neoplastic Nodule
Pneumonia, Chronic Murine

Prostate

Testis

Thymus

Unspecified

Mandibular Lymph Node

Hyperplasia, Lymphoid
Atrophy, Nos
Inflammation, Chronic
Inflammation, Acute/Chronic

Multiple Organs Nos

Interstitial-Cell Tumor

Atrophy, Nos

Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_030

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain	Leptomeninges	Hemorrhage
Kidney		Inflammation, Chronic
Liver		Focal Cellular Change
Lung		Pneumonia, Chronic Murine
Pancreas		Atrophy, Focal
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_031

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Focal

Kidney

Inflammation, Chronic

Liver

Angiectasis

Focal Cellular Change

Lung

Pneumonia, Chronic Murine

Prostate

Inflammation, Acute/Chronic

Skin

Tail

Squamous Cell Papilloma

Testis

Hyperplasia, Interstitial Cell

Unspecified

Back

Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_032

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Liver		Angiectasis
Lung		Pneumonia, Chronic Murine
Pancreas		Atrophy, Focal
Testis		Interstitial-Cell Tumor
Unspecified	Back	Fibrosarcoma
	Multiple Organs Nos	Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

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

Epididymis

Heart

Kidney

Liver

Lung

Testis

Myocardium Nos

Necrosis, Fat

Fibrosis

Inflammation, Chronic

Angiectasis

Pneumonia, Chronic Murine

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

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

Intestine Small

Kidney

Liver

Lung

Lymph node

Pancreas

Testis

Thyroid

Mesentery Nos

Mesenteric Lymph Node

Periarteritis

Inflammation, Chronic

Focal Cellular Change

Pneumonia, Chronic Murine

Lymphangiectasis

Atrophy, Focal

Interstitial-Cell Tumor

C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_035

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Liver	Centrilobular	Necrosis, Nos
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_036

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Angiectasis

Eye

Medulla

Hyperplasia, Focal

Lung

Retina

Atrophy, Nos

Preputial gland

Lens, Capsule

Mineralization

Testis

Pneumonia, Chronic Murine

Carcinoma, Nos

Hyperplasia, Interstitial Cell

Hypospermatogenesis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_037

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Lung

Pneumonia, Chronic Murine

Pancreas

Islets

Hyperplasia, Focal

Pituitary gland

Chromophobe Adenoma

Prostate

Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

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

Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Diffuse
Lung		Pneumonia, Chronic Murine
Pituitary gland		Chromophobe Adenoma
Preputial gland		Carcinoma, Nos
Testis		Hyperplasia, Interstitial Cell
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_039

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Lung		Pneumonia, Chronic Murine
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_040

TRT#: 1

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Lung

Preputial gland

Testis

Thyroid

Inflammation, Chronic

Pneumonia, Chronic Murine

Carcinoma, Nos

Interstitial-Cell Tumor

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_041

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Liver

Tubule

Pigmentation, Nos

Centrilobular

Degeneration, Nos

Centrilobular

Necrosis, Nos

Lung

Pneumonia, Chronic Murine

Prostate

Inflammation, Acute/Chronic

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Myelomonocytic

Urinary bladder

Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_042

TRT#: 1

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Liver

Lung

Mammary gland

Testis

Inflammation, Chronic

Focal Cellular Change

Hemorrhage

Pneumonia, Chronic Murine

Adenocarcinoma, Nos

Hyperplasia, Interstitial Cell

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_043

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Lung
Mammary gland
Testis

Cortex Nos

Degeneration, Nos
Inflammation, Chronic
Bronchopneumonia Acute Suppurative
Galactocele
Hyperplasia, Interstitial Cell
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_044

TRT#: 1

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Epididymis

Heart

Kidney

Liver

Lung

Prostate

Testis

Thyroid

Myocardium Nos

Granuloma, Spermatic

Fibrosis

Inflammation, Chronic

Focal Cellular Change

Pneumonia, Chronic Murine

Inflammation, Acute/Chronic

Interstitial-Cell Tumor

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_045

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis, Diffuse
Kidney		Inflammation, Chronic
Lung		Pneumonia, Chronic Murine
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_046

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Degeneration, Nos

Infarct, Nos

Pheochromocytoma

Liver

Centrilobular

Degeneration, Nos

Metamorphosis, Fatty

Lung

Centrilobular

Necrosis, Nos

Infarct, Hemorrhagic

Pneumonia, Chronic Murine

Pancreas

Inflammation, Chronic

Testis

Hypospermatogenesis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Myelomonocytic

Adipose Tissue

Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

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

Kidney

Liver

Lung

Preputial gland

Testis

Thyroid

Inflammation, Chronic

Focal Cellular Change

Pneumonia, Chronic Murine

Carcinoma, Nos

Interstitial-Cell Tumor

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_048

TRT#: 1

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Liver

Lung

Testis

Inflammation, Chronic

Focal Cellular Change

Pneumonia, Chronic Murine

Aspermatogenesis

Hyperplasia, Interstitial Cell

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

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

Adrenal gland

Pheochromocytoma

Kidney

Thrombosis, Nos

Liver

Inflammation, Chronic

Skin

Focal Cellular Change

Testis

Keratoacanthoma

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_050

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye

Retina

Atrophy, Nos

Synechia, Posterior

Kidney

Inflammation, Chronic

Liver

Focal Cellular Change

Lung

Pneumonia, Chronic Murine

Prostate

Inflammation, Acute

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_001

TRT#: 2

DOSE: 003.0 MG/KG

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Lung

Preputial gland

Prostate

Testis

Inflammation, Chronic

Pneumonia, Chronic Murine

Carcinoma, Nos

Inflammation, Acute

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_002

TRT#: 2

DOSE: 003.0 MG/KG

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Liver

Lung

Pancreas

Testis

Inflammation, Chronic

Focal Cellular Change

Pneumonia, Chronic Murine

Atrophy, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_003

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Preputial gland
Testis

Degeneration, Cytologic
Carcinoma, Nos
Degeneration, Nos
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_004

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Liver

Focal Cellular Change

Lung

Pneumonia, Chronic Murine

Preputial gland

Carcinoma, Nos

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_005

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Lung
Pancreas
Preputial gland
Prostate
Testis
Unspecified

Pheochromocytoma
Inflammation, Chronic
Pneumonia, Chronic Murine
Atrophy, Diffuse
Carcinoma, Nos
Inflammation, Chronic
Interstitial-Cell Tumor
Fibrosarcoma
Leukemia, Myelomonocytic

Multiple Organs Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_006

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Esophagus

Inflammation, Suppurative
Rupture

Heart

Pericardium Nos

Inflammation, Chronic

Lung

Pleura Nos

Inflammation, Suppurative

Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_007

TRT#: 2

DOSE: 003.0 MG/KG

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Lung

Skin

Spleen

Testis

Thyroid

Inflammation, Chronic

Pneumonia, Chronic Murine

Basal-Cell Carcinoma

Hematopoiesis

Interstitial-Cell Tumor

C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_008

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Lung

Testis

Unspecified

Multiple Organs Nos

Pheochromocytoma

Inflammation, Chronic

Pneumonia, Chronic Murine

Interstitial-Cell Tumor

Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_009

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Lung		Pneumonia, Chronic Murine
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_010

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Degeneration, Nos

Pheochromocytoma

Intestine Small

Ileum

Necrosis, Fat

Kidney

Inflammation, Chronic

Liver

Angiectasis

Lung

Pneumonia, Chronic Murine

Pituitary gland

Hyperplasia, Focal

Prostate

Inflammation, Acute/Chronic

Skin

Back

Keratoacanthoma

Testis

Interstitial-Cell Tumor

Thyroid

C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_011

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain		Astrocytoma
Kidney		Inflammation, Chronic
Lung		Pneumonia, Chronic Murine
Lymph node	Mesenteric Lymph Node	Lymphangiectasis
Pancreas		Atrophy, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_012

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow
Intestine Large
Stomach
Testis
Unspecified
Urinary bladder

Large Intestine, Colon

Abdomen

Hypoplasia, Nos
Parasitism
Ulcer, Focal
Hypospermatogenesis
Fibrosarcoma
Fibrosarcoma, Invasive

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_013

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Liver

Centrilobular

Bile Duct

Centrilobular

Pancreas

Islets

Prostate

Stomach

Testis

Unspecified

Groin

Multiple Organs Nos

Pheochromocytoma

Inflammation, Chronic

Degeneration, Nos

Hyperplasia, Nos

Necrosis, Nos

Hyperplasia, Nos

Inflammation, Acute/Chronic

Ulcer, Focal

Interstitial-Cell Tumor

Fibroma

Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_014

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain	Leptomeninges	Hemorrhage
Kidney		Inflammation, Chronic
Lung		Pneumonia, Chronic Murine
Pancreas		Atrophy, Focal
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_015

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver	Centrilobular	Metamorphosis, Fatty
Lung		Pneumonia, Chronic Murine
Prostate		Inflammation, Acute
Testis		Interstitial-Cell Tumor
Unspecified	Axilla	Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_016

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Liver

Stomach

Testis

Pheochromocytoma

Necrosis, Focal

Ulcer, Focal

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_017

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Lung		Fibrosarcoma, Metastatic
		Pneumonia, Chronic Murine
Salivary gland		Fibrosarcoma, Invasive
Skeletal muscle	Neck	Fibrosarcoma, Invasive
Testis		Interstitial-Cell Tumor
Unspecified		Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_018

TRT#: 2

DOSE: 003.0 MG/KG

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney	Inflammation, Chronic
Liver	Focal Cellular Change
Lung	Pneumonia, Chronic Murine
Preputial gland	Carcinoma, Nos
Prostate	Hyperplasia, Focal
Spleen	Hematopoiesis
Testis	Interstitial-Cell Tumor
Thyroid	Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_019

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Lung

Testis

Inflammation, Chronic

Pneumonia, Chronic Murine

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_020

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Angiectasis

Kidney

Cortex Nos

Degeneration, Nos

Lung

Inflammation, Chronic

Pancreas

Pneumonia, Chronic Murine

Spleen

Atrophy, Nos

Testis

Hematopoiesis

Unspecified

Abdomen

Interstitial-Cell Tumor

Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_021

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Prostate

Inflammation, Acute/Chronic

Stomach

Ulcer, Focal

Testis

Interstitial-Cell Tumor

Thyroid

C-Cell Adenoma

Unspecified

Multiple Organs Nos

Leukemia, Granulocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_022

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Lung

Lymph node

Preputial gland

Prostate

Testis

Myocardium Nos

Pheochromocytoma

Fibrosis

Inflammation, Chronic

Pneumonia, Chronic Murine

Inflammation, Chronic

Carcinoma, Nos

Inflammation, Acute/Chronic

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_023

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Lung		Pneumonia, Chronic Murine
Pancreas		Atrophy, Nos
Prostate		Inflammation, Chronic Suppurative
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_024

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Liver		Focal Cellular Change
Lung		Pneumonia, Chronic Murine
Pancreas		Atrophy, Diffuse
Pituitary gland		Chromophobe Adenoma
Prostate		Inflammation, Chronic Suppurative
Spleen		Hemosiderosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_025

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Lung

Pneumonia, Chronic Murine

Lymph node

Inflammation, Chronic

Pituitary gland

Cyst, Multiple

Preputial gland

Carcinoma, Nos

Testis

Hypospermatogenesis

Unspecified

Multiple Organs Nos

Interstitial-Cell Tumor

Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_026

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Liver		Focal Cellular Change
Lung		Pneumonia, Chronic Murine
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_027

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain	Leptomeninges	Hemorrhage
Eye	Retina	Atrophy, Nos
	Tunica Vasculosa	Inflammation, Nos
		Microphthalmia
Liver		Focal Cellular Change
Lung		Pneumonia, Chronic Murine
Testis		Interstitial-Cell Tumor
Unspecified	Axilla	Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_028

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain	Leptomeninges	Hemorrhage
Heart	Myocardium Nos	Fibrosis
	Myocardium Nos	Inflammation, Chronic
		Thrombosis, Nos
Kidney		Inflammation, Chronic
Liver		Hemorrhage
Lung		Pneumonia, Chronic Murine
Preputial gland		Carcinoma, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_029

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Focal

Heart

Myocardium Nos

Fibrosis

Kidney

Inflammation, Chronic

Lung

Pneumonia, Chronic Murine

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_030

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Liver		Focal Cellular Change
Lung		Pneumonia, Chronic Murine
Spleen		Leukemia, Myelomonocytic
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_031

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Liver

Lung

Lymph node

Testis

Thyroid

Mesenteric Lymph Node

Inflammation, Chronic

Focal Cellular Change

Pneumonia, Chronic Murine

Lymphangiectasis

Interstitial-Cell Tumor

C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_032

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Mesentery Nos

Steatitis

Kidney

Inflammation, Chronic

Liver

Focal Cellular Change

Pancreas

Periarteritis

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_033

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Liver

Focal Cellular Change

Lung

Pneumonia, Chronic Murine

Preputial gland

Inflammation, Acute

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_034

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye

Retina

Atrophy, Nos

Crystalline Lens

Degeneration, Nos

Tunica Vasculosa

Inflammation, Chronic

Myocardium Nos

Fibrosis

Heart

Kidney

Inflammation, Chronic

Liver

Focal Cellular Change

Lung

Pneumonia, Chronic Murine

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_035

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Large Intestine, Colon

Parasitism

Kidney

Inflammation, Chronic

Liver

Focal Cellular Change

Bile Duct

Hyperplasia, Nos

Lung

Pneumonia, Chronic Murine

Testis

Atrophy, Nos

Unspecified

Groin

Interstitial-Cell Tumor

Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_036

TRT#: 2

DOSE: 003.0 MG/KG

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Liver

Lung

Testis

Inflammation, Chronic

Focal Cellular Change

Pneumonia, Chronic Murine

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_037

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Degeneration, Nos

Preputial gland

Carcinoma, Nos

Prostate

Inflammation, Chronic Suppurative

Skeletal muscle

Mineralization

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_038

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Epididymis

Heart

Kidney

Preputial gland

Myocardium Nos

Pheochromocytoma

Steatitis

Fibrosis

Inflammation, Chronic

Cystadenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_039

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Mammary gland

Pyelonephritis, Acute

Pituitary gland

Galactocele

Prostate

Chromophobe Adenoma

Spleen

Inflammation, Acute

Testis

Hemosiderosis

Atrophy, Nos

Hypospermatogenesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_040

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Testis

Hypospermatogenesis

Interstitial-Cell Tumor

Unspecified

Back

Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_041

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Liver		Infarct, Hemorrhagic
Lung		Pneumonia, Chronic Murine
Pancreas	Islets	Hyperplasia, Focal
Prostate		Inflammation, Chronic Suppurative
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_042

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Lung

Prostate

Testis

Unspecified

Urinary bladder

Adipose Tissue

Submucosa

Subserosa

Pheochromocytoma

Periarteritis

Inflammation, Chronic

Pneumonia, Chronic Murine

Inflammation, Chronic

Interstitial-Cell Tumor

Steatitis

Edema, Nos

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_043

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_044

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Liver
Lung
Pituitary gland
Prostate
Skin
Testis

Cortex Nos

Degeneration, Nos
Inflammation, Chronic
Focal Cellular Change
Pneumonia, Chronic Murine
Chromophobe Adenoma
Inflammation, Chronic Suppurative
Keratoacanthoma
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_045

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Lung
Preputial gland
Prostate
Testis

Medulla

Hyperplasia, Focal
Inflammation, Chronic
Pneumonia, Chronic Murine
Carcinoma, Nos
Inflammation, Chronic Suppurative
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_046

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Lung		Pneumonia, Chronic Murine
Pancreas		Atrophy, Nos
	Islets	Islet-Cell Adenoma
Prostate		Inflammation, Chronic Suppurative
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_047

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Lung

Testis

Unspecified

Multiple Organs Nos

Pheochromocytoma

Inflammation, Chronic

Pneumonia, Chronic Murine

Interstitial-Cell Tumor

Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_048

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Kidney		Congestion, Nos
		Inflammation, Chronic
Liver		Focal Cellular Change
Lung		Congestion, Nos
		Pneumonia, Chronic Murine
Mammary gland		Fibroadenoma
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_049

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
		Periarteritis
Intestine Large	Large Intestine, Colon	Parasitism
Kidney		Inflammation, Chronic
Liver		Focal Cellular Change
		Peliosis Hepatis
Lung		Pigmentation, Nos
		Pneumonia, Chronic Murine
Skin	Tail	Squamous Cell Papilloma
Testis		Interstitial-Cell Tumor
Unspecified	Adipose Tissue	Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_050

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 003.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart

Myocardium Nos

Fibrosis

Kidney

Inflammation, Chronic

Lung

Pneumonia, Chronic Murine

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_001

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 015.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Testis

Hypospermatogenesis

Unspecified

Multiple Organs Nos

Leukemia, Monocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_002

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 015.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung		Pigmentation, Nos
Pancreas		Atrophy, Nos
Stomach		Ulcer, Focal
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_003

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 015.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Lung

Pancreas

Preputial gland

Prostate

Testis

Unspecified

Multiple Organs Nos

Pheochromocytoma

Inflammation, Chronic

Pigmentation, Nos

Atrophy, Nos

Carcinoma, Nos

Inflammation, Chronic Suppurative

Interstitial-Cell Tumor

Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_004

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 015.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Degeneration, Nos

Pheochromocytoma

Heart

Myocardium Nos

Fibrosis

Liver

Peliosis Hepatis

Lung

Inflammation, Acute Focal

Pigmentation, Nos

Pancreas

Atrophy, Focal

Preputial gland

Carcinoma, Nos

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide
CAS Number: 7446-34-6

Date Report Requested: 10/26/2014
Time Report Requested: 10:22:28
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_005

TRT#: 3
DOSE: 015.0 MG/KG

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Nos
	Medulla	Hyperplasia, Nos
Eye		Cataract
	Retina	Degeneration, Nos
	Anterior Chamber	Hemorrhage
	Tunica Vasculosa	Inflammation, Nos
		Synechia, Anterior
Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Liver		Hepatocellular Carcinoma
		Peliosis Hepatis
Lung		Pigmentation, Nos
		Pneumonia, Chronic Murine
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_006

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 015.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Liver

Cortex Nos

Angiectasis
Inflammation, Chronic
Focal Cellular Change
Neoplastic Nodule
Peliosis Hepatis
Pigmentation, Nos
Pneumonia, Chronic Murine
Inflammation, Chronic
Interstitial-Cell Tumor
Hyperplasia, C Cell
Leukemia, Myelomonocytic

Lung

Prostate

Testis

Thyroid

Unspecified

Multiple Organs Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_007

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 015.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cortical Adenoma

Kidney

Degeneration, Nos

Liver

Inflammation, Chronic

Lung

Focal Cellular Change

Testis

Hepatocellular Carcinoma

Pigmentation, Nos

Pneumonia, Chronic Murine

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_008

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 015.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Liver		Focal Cellular Change
		Osteosarcoma, Metastatic
		Peliosis Hepatis
Lung		Pigmentation, Nos
		Pneumonia, Chronic Murine
Testis		Interstitial-Cell Tumor
Unspecified	Flank	Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_009

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 015.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Auricular Appendage Nos	Thrombosis, Nos
Kidney		Inflammation, Chronic
Liver	Centrilobular	Necrosis, Nos
		Peliosis Hepatis
Lung		Pigmentation, Nos
Lymph node	Bronchial Lymph Node	Pigmentation, Nos
Spleen		Hematopoiesis
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_010

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 015.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Liver		Neoplastic Nodule
Lung		Pigmentation, Nos
		Pneumonia, Chronic Murine
Lymph node	Bronchial Lymph Node	Pigmentation, Nos
Prostate		Inflammation, Chronic Suppurative
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_011

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 015.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Testis

Pheochromocytoma

Periarteritis

Inflammation, Chronic

Focal Cellular Change

Pigmentation, Nos

Pneumonia, Chronic Murine

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_012

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 015.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Focal

Heart

Auricular Appendage Nos

Thrombosis, Nos

Kidney

Inflammation, Chronic

Liver

Focal Cellular Change

Neoplastic Nodule

Lung

Peliosis Hepatis

Pigmentation, Nos

Preputial gland

Pneumonia, Chronic Murine

Testis

Carcinoma, Nos

Unspecified

Abdominal Cavity

Interstitial-Cell Tumor

Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_013

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 015.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Epididymis

Kidney

Liver

Lung

Testis

Unspecified

Multiple Organs Nos

Granuloma, Spermatic

Inflammation, Chronic

Focal Cellular Change

Hepatocellular Carcinoma

Neoplastic Nodule

Pigmentation, Nos

Pneumonia, Chronic Murine

Interstitial-Cell Tumor

Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_014

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 015.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Focal

Heart

Myocardium Nos

Fibrosis

Kidney

Inflammation, Chronic

Lung

Pigmentation, Nos

Pneumonia, Chronic Murine

Pituitary gland

Chromophobe Adenoma

Preputial gland

Carcinoma, Nos

Prostate

Inflammation, Chronic Suppurative

Skin

Abdomen

Squamous Cell Papilloma

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_015

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 015.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Focal

Pheochromocytoma

Heart

Myocardium Nos

Fibrosis

Kidney

Inflammation, Chronic

Liver

Focal Cellular Change

Lung

Pigmentation, Nos

Preputial gland

Pneumonia, Chronic Murine

Testis

Carcinoma, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_016

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 015.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Epididymis

Liver

Lung

Testis

Unspecified

Bile Duct

Multiple Organs Nos

Granuloma, Spermatic

Angiectasis

Hepatocellular Carcinoma

Hyperplasia, Nos

Pigmentation, Nos

Pneumonia, Chronic Murine

Interstitial-Cell Tumor

Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_017

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 015.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Liver		Focal Cellular Change
		Peliosis Hepatis
Lung		Pigmentation, Nos
		Pneumonia, Chronic Murine
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_018

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 015.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Nos

Brain

Leptomeninges

Hemorrhage

Kidney

Inflammation, Chronic

Liver

Focal Cellular Change

Peliosis Hepatis

Lung

Pigmentation, Nos

Pneumonia, Chronic Murine

Preputial gland

Carcinoma, Nos

Spleen

Hematopoiesis

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_019

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 015.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Pheochromocytoma

Kidney

Inflammation, Chronic

Liver

Bile Duct

Dilatation, Nos

Focal Cellular Change

Necrosis, Hemorrhagic

Peliosis Hepatis

Lung

Pigmentation, Nos

Pneumonia, Chronic Murine

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_020

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 015.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large
Kidney
Liver

Cortex Nos
Large Intestine, Colon

Degeneration, Nos
Parasitism
Inflammation, Chronic
Focal Cellular Change
Hepatocellular Carcinoma
Neoplastic Nodule
Peliosis Hepatis
Alveolar/Bronchiolar Carcinoma
Pigmentation, Nos
Pneumonia, Chronic Murine
Degeneration, Cystic
Interstitial-Cell Tumor

Lung

Preputial gland
Testis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_021

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 015.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Myocardium Nos

Pheochromocytoma

Fibrosis

Inflammation, Chronic

Focal Cellular Change

Hepatocellular Carcinoma

Neoplastic Nodule

Lung

Pigmentation, Nos

Pneumonia, Chronic Murine

Preputial gland

Carcinoma, Nos

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_022

TRT#: 3

DOSE: 015.0 MG/KG

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Epididymis

Kidney

Liver

Lung

Testis

Granuloma, Spermatic

Inflammation, Chronic

Focal Cellular Change

Hepatocellular Carcinoma

Peliosis Hepatis

Pigmentation, Nos

Pneumonia, Chronic Murine

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Selenium sulfide
CAS Number: 7446-34-6

Date Report Requested: 10/26/2014
Time Report Requested: 10:22:28
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_023

TRT#: 3
DOSE: 015.0 MG/KG

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Pheochromocytoma
Kidney		Inflammation, Chronic
Liver		Fibrosis, Focal
		Hepatocellular Carcinoma
		Necrosis, Focal
Lung	Pleura Nos	Inflammation, Chronic
		Pigmentation, Nos
		Pneumonia, Chronic Murine
Pancreas		Atrophy, Nos
Testis		Interstitial-Cell Tumor
	Tunica Vaginalis	Mesothelioma, Malignant
Thyroid		Hyperplasia, C Cell
Unspecified		Fibrosarcoma
	Multiple Organs Nos	Leukemia, Myelomonocytic
	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type
Urinary bladder		Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_024

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 015.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Liver

Medulla

Hyperplasia, Focal
Inflammation, Chronic
Focal Cellular Change
Hepatocellular Carcinoma
Neoplastic Nodule
Peliosis Hepatis
Pigmentation, Nos
Pneumonia, Chronic Murine
Keratoacanthoma
Interstitial-Cell Tumor

Lung

Skin
Testis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_025

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 015.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Lung		Pigmentation, Nos
Preputial gland		Degeneration, Cystic
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_026

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 015.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart

Auricular Appendage Nos

Thrombosis, Nos

Intestine Small

Mesentery Nos

Necrosis, Fat

Liver

Centrilobular

Necrosis, Diffuse

Peliosis Hepatis

Lung

Pigmentation, Nos

Thrombosis, Nos

Lymph node

Bronchial Lymph Node

Pigmentation, Nos

Spleen

Hematopoiesis

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_027

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 015.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Liver

Lung

Pancreas

Testis

Thyroid

Inflammation, Chronic

Focal Cellular Change

Necrosis, Focal

Neoplastic Nodule

Peliosis Hepatis

Pigmentation, Nos

Pneumonia, Chronic Murine

Atrophy, Focal

Interstitial-Cell Tumor

Cyst, Follicular Nos

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_028

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 015.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Liver		Focal Cellular Change
		Neoplastic Nodule
		Peliosis Hepatis
Lung		Pigmentation, Nos
		Pneumonia, Chronic Murine
Preputial gland		Carcinoma, Nos
Testis		Interstitial-Cell Tumor
Thyroid		Cyst, Follicular Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_029

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 015.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Focal

Kidney

Inflammation, Chronic

Liver

Focal Cellular Change

Hepatocellular Carcinoma

Neoplastic Nodule

Peliosis Hepatis

Lung

Pigmentation, Nos

Pneumonia, Chronic Murine

Testis

Atrophy, Nos

Interstitial-Cell Tumor

Tunica Vaginalis

Mesothelioma, Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_030

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 015.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
	Tubule	Pigmentation, Nos
Liver		Hepatocellular Carcinoma
		Peliosis Hepatis
Lung		Pigmentation, Nos
Preputial gland		Degeneration, Cystic
Stomach		Ulcer, Focal
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
	Tunica Vaginalis	Mesothelioma, Malignant
Unspecified		Fibrosarcoma
	Multiple Organs Nos	Leukemia, Myelomonocytic
	Multiple Organs Nos	Mesothelioma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_031

TRT#: 3

DOSE: 015.0 MG/KG

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Epididymis

Kidney

Liver

Lung

Preputial gland

Testis

Pheochromocytoma

Granuloma, Spermatic

Inflammation, Chronic

Focal Cellular Change

Hepatocellular Carcinoma

Pigmentation, Nos

Pneumonia, Chronic Murine

Carcinoma, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_032

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 015.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Lung

Testis

Thyroid

Inflammation, Chronic

Pigmentation, Nos

Pneumonia, Chronic Murine

Interstitial-Cell Tumor

Follicular-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_033

TRT#: 3

DOSE: 015.0 MG/KG

SEX: Male

DISP: Natural Death

DAY ON TEST:

HISTO:

OBSERVATIONS

Brain	Atrophy, Pressure
Kidney	Inflammation, Chronic
Liver	Peliosis Hepatis
Lung	Pigmentation, Nos
Pituitary gland	Chromophobe Adenoma
Spleen	Hemosiderosis
Stomach	Ulcer, Focal
Testis	Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_034

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 015.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver		Focal Cellular Change
		Peliosis Hepatis
		Thrombosis, Nos
Lung		Pigmentation, Nos
Testis		Interstitial-Cell Tumor
Thyroid		Cyst, Follicular Nos
Unspecified	Multiple Organs Nos	Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_035

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 015.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Liver

Hepatocellular Carcinoma

Bile Duct

Hyperplasia, Nos

Lung

Peliosis Hepatis

Pigmentation, Nos

Lymph node

Bronchial Lymph Node

Pneumonia, Chronic Murine

Testis

Pigmentation, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_036

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 015.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain	Leptomeninges	Hemorrhage
Kidney		Inflammation, Chronic
Liver		Focal Cellular Change
		Peliosis Hepatis
Lung		Pigmentation, Nos
		Pneumonia, Chronic Murine
Prostate		Inflammation, Chronic Suppurative
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_037

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 015.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Epididymis
Kidney
Liver
Lung

Pancreas
Preputial gland
Testis

Medulla

Hyperplasia, Nos
Granuloma, Spermatic
Inflammation, Chronic
Focal Cellular Change
Pigmentation, Nos
Pneumonia, Chronic Murine
Atrophy, Focal
Carcinoma, Nos
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_038

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 015.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Liver		Necrosis, Focal
		Neoplastic Nodule
Lung		C-Cell Carcinoma, Metastatic
		Pigmentation, Nos
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Carcinoma
Unspecified	Multiple Organs Nos	Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_040

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 015.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain	Leptomeninges	Hemorrhage
Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Liver		Focal Cellular Change
		Peliosis Hepatis
Lung		Pigmentation, Nos
		Pneumonia, Chronic Murine
Pancreas	Islets	Hyperplasia, Nos
Prostate		Inflammation, Chronic Suppurative
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_041

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 015.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye	Lens, Capsule Retina	Degeneration, Nos Degeneration, Nos
Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Liver		Focal Cellular Change Peliosis Hepatis
Lung		Pigmentation, Nos Pneumonia, Chronic Murine
Pancreas	Islets	Hyperplasia, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_042

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 015.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain	Leptomeninges	Hemorrhage
Kidney		Inflammation, Chronic
Liver		Focal Cellular Change
		Neoplastic Nodule
		Perivasculitis
Lung		Pigmentation, Nos
		Pneumonia, Chronic Murine
Prostate		Inflammation, Chronic Suppurative
Stomach	Submucosa	Hemorrhage
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_043

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 015.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Liver		Peliosis Hepatis
Lung		Pigmentation, Nos
		Pneumonia, Chronic Murine
Lymph node	Bronchial Lymph Node	Pigmentation, Nos
Peritoneum		Inflammation, Chronic Diffuse
Preputial gland		Carcinoma, Nos
Spleen		Hematopoiesis
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_044

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 015.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Degeneration, Nos

Heart

Auricular Appendage Nos

Mineralization

Liver

Metamorphosis, Fatty

Salivary gland

Inflammation, Suppurative

Skeletal muscle

Mineralization

Stomach

Infarct, Focal

Testis

Mineralization

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_045

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 015.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Auricular Appendage Nos	Thrombosis, Nos
Kidney		Inflammation, Chronic
Liver		Neoplastic Nodule
		Peliosis Hepatis
Lung		Necrosis, Focal
		Pigmentation, Nos
		Pneumonia, Chronic Murine
Pituitary gland		Hyperplasia, Chromophobe Cell
Preputial gland		Carcinoma, Nos
Spleen		Hematopoiesis
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_046

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 015.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Liver

Hepatocellular Carcinoma

Lung

Peliosis Hepatis

Mammary gland

Pigmentation, Nos

Testis

Pneumonia, Chronic Murine

Galactocele

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_047

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 015.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Liver

Medulla

Hyperplasia, Nos
Inflammation, Chronic
Focal Cellular Change
Neoplastic Nodule

Lung

Peliosis Hepatis
Pigmentation, Nos
Pneumonia, Chronic Murine

Prostate

Inflammation, Chronic Suppurative

Skin

Flank

Trichoepithelioma

Testis

Hypospermatogenesis

Unspecified

Multiple Organs Nos

Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_048

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 015.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain		Infarct, Hemorrhagic
Liver		Neoplastic Nodule
Lung		Pigmentation, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Selenium sulfide
CAS Number: 7446-34-6

Date Report Requested: 10/26/2014
Time Report Requested: 10:22:28
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_049

TRT#: 3
DOSE: 015.0 MG/KG

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Eye	Retina Lens, Cortex	Atrophy, Nos Degeneration, Nos Inflammation, Chronic Synechia, Posterior Inflammation, Chronic Pigmentation, Nos Pneumonia, Chronic Murine
Kidney		Hyperplasia, Nos
Lung		Inflammation, Chronic Suppurative
Preputial gland		Hematopoiesis
Prostate		Mesothelioma, Metastatic
Spleen		Atrophy, Nos
Testis		Interstitial-Cell Tumor
	Tunica Vaginalis	Mesothelioma, Malignant
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_050

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 015.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Liver		Focal Cellular Change
Lung		Pigmentation, Nos
		Pneumonia, Chronic Murine
Lymph node	Bronchial Lymph Node	Pigmentation, Nos
Pancreas	Islets	Hyperplasia, Nos
Skin		Keratoacanthoma
Spleen		Hemosiderosis
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_001

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Skin

Neck

Inflammation, Nos

Neck

Ulcer, Nos

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_002

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Lymph node

Spleen

Stomach

Testis

Cervical Lymph Node Nos

Inflammation, Chronic

Hyperplasia, Lymphoid

Congestion, Nos

Inflammation, Suppurative

Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_003

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Chronic
Preputial gland		Degeneration, Cystic
Prostate		Inflammation, Chronic Suppurative
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_004

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
		Periarteritis
Kidney		Inflammation, Chronic
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Preputial gland		Cyst, Epidermal Inclusion
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_005

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Kidney

Medulla

Hyperplasia, Nos
Inflammation, Chronic

Liver
Testis

Tubule
Bile Duct

Pigmentation, Nos
Hyperplasia, Nos
Interstitial-Cell Tumor

Thyroid

Unspecified

Multiple Organs Nos

Hyperplasia, C Cell
Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_006

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Lung	Bronchiole	Inflammation, Acute
Testis		Interstitial-Cell Tumor
Unspecified	Connective Tissue Nos	Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_007

TRT#: 4

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Liver

Lung

Prostate

Testis

Unspecified

Multiple Organs Nos

Pheochromocytoma

Inflammation, Chronic

Focal Cellular Change

Pneumonia, Chronic Murine

Inflammation, Chronic Suppurative

Interstitial-Cell Tumor

Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_008

TRT#: 4

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Epididymis

Kidney

Liver

Bile Duct

Bile Duct

Lung

Prostate

Testis

Unspecified

Axilla

Multiple Organs Nos

Pheochromocytoma

Granuloma, Spermatic

Inflammation, Chronic

Focal Cellular Change

Hemorrhage

Hyperplasia, Nos

Inflammation, Chronic

Peliosis Hepatis

Pneumonia, Chronic Murine

Inflammation, Chronic Suppurative

Interstitial-Cell Tumor

Fibroma

Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_009

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Myocardium Nos

Lung

Bile Duct

Lymph node

Testis

Trachea

Bronchial Lymph Node

Pheochromocytoma

Fibrosis

Inflammation, Chronic

Congestion, Nos

Fibrosis, Cholangio

Hyperplasia, Nos

Bronchopneumonia Suppurative

Congestion, Nos

Inflammation, Nos

Interstitial-Cell Tumor

Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_010

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Liver

Lung

Myocardium Nos

Pheochromocytoma

Fibrosis

Fibrosis, Cholangio

Bronchopneumonia, Acute

Congestion, Nos

Hyperplasia, Alveolar Epithelium

Lymph node

Bronchial Lymph Node

Inflammation, Acute

Prostate

Inflammation, Chronic Suppurative

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_011

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Blood vessel

Epididymis

Heart

Kidney

Liver

Stomach

Testis

Unspecified

Urinary bladder

Aorta Nos

Myocardium Nos

Myocardium Nos

Bile Duct

Multiple Organs Nos

Pheochromocytoma

Calcification, Medial

Granuloma, Spermatic

Fibrosis

Mineralization

Mineralization

Pyelonephritis, Suppurative

Hyperplasia, Nos

Mineralization

Interstitial-Cell Tumor

Leukemia, Myelomonocytic

Inflammation, Nos

Ulcer, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_012

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Chronic
Prostate		Inflammation, Chronic Suppurative
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_013

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Chronic
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_014

TRT#: 4

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Liver	Bile Duct	Inflammation, Chronic
Preputial gland		Carcinoma, Nos
Prostate		Inflammation, Acute
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_015

TRT#: 4

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Epididymis

Heart

Myocardium Nos

Kidney

Liver

Pancreas

Prostate

Testis

Islets

Granuloma, Spermatic

Fibrosis

Periarteritis

Inflammation, Chronic

Focal Cellular Change

Islet-Cell Adenoma

Inflammation, Chronic Suppurative

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_016

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Epididymis		Granuloma, Spermatic
Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Liver		Fibrosis, Cholangio
	Bile Duct	Focal Cellular Change
Lung		Inflammation, Chronic
Lymph node		Pneumonia, Chronic Murine
Pancreas	Submandibular Lymph Node	Inflammation, Acute
Prostate		Atrophy, Focal
Testis		Inflammation, Chronic Suppurative
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_017

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Liver		Focal Cellular Change
Lung		Pneumonia, Chronic Murine
Pancreas	Islets	Hyperplasia, Focal
Skin	Flank	Keratoacanthoma
Spleen		Cyst, Hemorrhagic
Testis		Interstitial-Cell Tumor
Unspecified	Adipose Tissue	Steatitis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_018

TRT#: 4

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Pancreas

Prostate

Testis

Thyroid

Cortex Nos

Myocardium Nos

Degeneration, Nos

Fibrosis

Inflammation, Chronic

Focal Cellular Change

Pneumonia, Chronic Murine

Atrophy, Focal

Inflammation, Chronic

Interstitial-Cell Tumor

Follicular-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_019

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Nos
Prostate		Inflammation, Chronic Suppurative
Stomach	Forestomach	Inflammation, Nos Ulcer, Focal
Testis		Interstitial-Cell Tumor
Unspecified	Tunica Vaginalis	Mesothelioma, Nos
	Multiple Organs Nos	Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_020

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Nos

Esophagus

Inflammation, Acute/Chronic

Heart

Myocardium Nos

Fibrosis

Kidney

Myocardium Nos

Inflammation, Chronic

Lung

Inflammation, Chronic

Congestion, Nos

Testis

Edema, Nos

Unspecified

Adipose Tissue

Interstitial-Cell Tumor

Steatitis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_021

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Pancreas	Islets	Islet-Cell Adenoma
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide
CAS Number: 7446-34-6

Date Report Requested: 10/26/2014
Time Report Requested: 10:22:28
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_022

TRT#: 4
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Eye	Retina Lens, Cortex Tunica Vasculosa	Atrophy, Nos Degeneration, Nos Hemorrhage Inflammation, Chronic Synechia, Posterior
Kidney		Inflammation, Chronic
Liver		Metamorphosis, Fatty Peliosis Hepatis
Lymph node	Submandibular Lymph Node	Inflammation, Acute
Pancreas		Atrophy, Focal
Pituitary gland		Acidophil Adenoma
Prostate		Inflammation, Chronic
Salivary gland		Inflammation, Chronic
Testis		Interstitial-Cell Tumor
Unspecified	Adipose Tissue Adipose Tissue	Inflammation, Chronic Focal Steatitis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_023

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Degeneration, Nos

Pheochromocytoma

Kidney

Inflammation, Chronic

Testis

Interstitial-Cell Tumor

Unspecified

Fibroma

Multiple Organs Nos

Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_024

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Testis

Unspecified

Multiple Organs Nos

Pigmentation, Nos

Hyperplasia, Interstitial Cell

Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_025

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Liver	Centrilobular	Degeneration, Nos
		Necrosis, Nos
Pituitary gland		Hemorrhage
Prostate		Inflammation, Chronic Suppurative
Testis		Atrophy, Nos
	Tunica Vaginalis	Mesothelioma, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_026

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Liver

Bile Duct

Hyperplasia, Nos

Bile Duct

Inflammation, Chronic

Peliosis Hepatis

Lung

Pneumonia, Chronic Murine

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_027

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Degeneration, Nos

Eye

Crystalline Lens

Degeneration, Nos

Retina

Degeneration, Nos

Tunica Vasculosa

Inflammation, Chronic

Heart

Myocardium Nos

Fibrosis

Kidney

Inflammation, Chronic

Liver

Focal Cellular Change

Bile Duct

Inflammation, Nos

Prostate

Peliosis Hepatis

Testis

Inflammation, Chronic Suppurative

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_028

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Chronic
Liver		Fibrosis, Cholangio
	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Chronic
Pancreas		Atrophy, Focal
Stomach		Ulcer, Focal
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_029

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Epididymis

Heart

Intestine Small

Pancreas

Prostate

Testis

Unspecified

Myocardium Nos

Mesentery Nos

Islets

Multiple Organs Nos

Granuloma, Spermatic

Fibrosis

Necrosis, Fat

Islet-Cell Adenoma

Inflammation, Chronic Suppurative

Interstitial-Cell Tumor

Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_030

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Bone marrow

Heart

Intestine Large

Kidney

Liver

Myocardium Nos

Large Intestine, Colon

Bile Duct

Bile Duct

Testis

Unspecified

Back

Hyperplasia, Erythroid

Fibrosis

Parasitism

Inflammation, Chronic

Focal Cellular Change

Hyperplasia, Nos

Inflammation, Chronic

Interstitial-Cell Tumor

Trichoepithelioma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_031

TRT#: 4

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Brain

Heart

Intestine Small

Kidney

Lung

Pancreas

Spleen

Testis

Thyroid

Unspecified

Leptomeninges

Auricular Appendage Nos

Mesentery Nos

Abdominal Cavity

Pheochromocytoma

Hemorrhage

Thrombosis, Nos

Steatitis

Inflammation, Chronic

Pneumonia, Chronic Murine

Atrophy, Diffuse

Inflammation, Chronic

Congestion, Nos

Leukemia, Myelomonocytic

Interstitial-Cell Tumor

Hyperplasia, C Cell

Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_033

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Pheochromocytoma
Brain	Leptomeninges	Hemorrhage
Epididymis		Granuloma, Spermatic
Eye	Retina	Atrophy, Nos
	Lens, Capsule	Degeneration, Nos
		Fibrosarcoma
	Tunica Vasculosa	Inflammation, Chronic
Kidney		Inflammation, Chronic
Liver		Focal Cellular Change
		Inflammation, Granulomatous Focal
Lung		Fibrosarcoma, Metastatic
Lymph node	Submandibular Lymph Node	Fibrosarcoma, Metastatic
Prostate		Inflammation, Chronic Suppurative
Testis		Interstitial-Cell Tumor
Unspecified	Face	Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_034

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye	Retina	Atrophy, Nos
Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Liver		Focal Cellular Change
		Hepatocellular Carcinoma
Lung		Alveolar/Bronchiolar Adenoma
		Pneumonia, Chronic Murine
Pancreas		Periarteritis
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_035

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic Pigmentation, Nos
Prostate		Inflammation, Chronic Suppurative
Spleen		Hemangiosarcoma
Testis		Interstitial-Cell Tumor
Unspecified	Abdominal Cavity	Hemangiosarcoma, Metastatic
	Multiple Organs Nos	Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_036

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Intestine Small
Kidney
Liver
Pancreas
Preputial gland
Testis

Medulla
Mesentery Nos

Islets

Hyperplasia, Focal
Steatitis
Inflammation, Chronic
Focal Cellular Change
Hyperplasia, Nos
Carcinoma, Nos
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_037

TRT#: 4

DOSE: 0

SEX: Male

DISP: Natural Death

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Epididymis

Heart

Liver

Myocardium Nos

Pheochromocytoma

Granuloma, Spermatic

Fibrosis

Congestion, Nos

Fibrosis, Cholangio

Peliosis Hepatis

Testis

Hyperplasia, Interstitial Cell

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_039

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Preputial gland

Carcinoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_040

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Focal

Heart

Cortex Nos

Hyperplasia, Nodular

Liver

Myocardium Nos

Fibrosis

Prostate

Bile Duct

Focal Cellular Change

Skin

Bile Duct

Hyperplasia, Nos

Testis

Inflammation, Chronic

Inflammation, Chronic Suppurative

Keratoacanthoma

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_041

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Lung		Congestion, Nos
Prostate		Inflammation, Chronic Suppurative
Stomach		Ulcer, Focal
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_042

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_043

TRT#: 4

DOSE: 0

SEX: Male

DISP: Natural Death

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Epididymis

Kidney

Liver

Pancreas

Prostate

Testis

Unspecified

Multiple Organs Nos

Adipose Tissue

Pheochromocytoma

Granuloma, Spermatic

Pigmentation, Nos

Focal Cellular Change

Atrophy, Nos

Inflammation, Chronic Suppurative

Atrophy, Nos

Hyperplasia, Interstitial Cell

Leukemia, Myelomonocytic

Steatitis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_044

TRT#: 4

DOSE: 0

SEX: Male

DISP: Natural Death

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Stomach

Testis

Unspecified

Multiple Organs Nos

Pigmentation, Nos

Ulcer, Focal

Atrophy, Nos

Hyperplasia, Interstitial Cell

Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_045

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Chronic
		Neoplastic Nodule
Prostate		Inflammation, Chronic Suppurative
Skin		Erosion
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Myelomonocytic
	Adipose Tissue	Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_046

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_047

TRT#: 4

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Eye

Retina

Atrophy, Nos

Heart

Lens, Capsule

Degeneration, Nos

Kidney

Myocardium Nos

Fibrosis

Liver

Inflammation, Chronic

Lung

Peliosis Hepatis

Pituitary gland

Hyperplasia, Adenomatous

Prostate

Cyst, Nos

Testis

Inflammation, Chronic Suppurative

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_048

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Liver

Focal Cellular Change

Neoplastic Nodule

Skin

Back

Hyperplasia, Nos

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_049

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Degeneration, Nos

Pheochromocytoma

Heart

Myocardium Nos

Fibrosis

Kidney

Inflammation, Chronic

Liver

Focal Cellular Change

Pancreas

Atrophy, Focal

Prostate

Inflammation, Chronic

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50033A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Selenium sulfide

CAS Number: 7446-34-6

Date Report Requested: 10/26/2014

Time Report Requested: 10:22:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_050

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Nos

Heart

Myocardium Nos

Fibrosis

Kidney

Inflammation, Chronic

Liver

Neoplastic Nodule

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****