

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

**C Number:** C50033B

**Cage Range:** All

**Date Range:** All

**Reasons For Removal:** All

**Removal Date Range:** All

**Treatment Groups:** All

**Study Gender:** Male

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**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**

Lung		Alveolar/Bronchiolar Adenoma
Spleen		Erythropoiesis
Unspecified	Multiple Organs Nos	Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_002

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**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**

Liver

Hemangiosarcoma

Skin

Ear

Inflammation, Acute

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_004

**TRT#:** 1

**DOSE:** 0

**SEX:** Male

**DISP:** Natural Death

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Kidney

Nephrosis, Hydro

Pyelonephritis, Nos

Spleen

Erythroipoiesis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_005

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**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**

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_007

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_008

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart

Fibrosis, Diffuse

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_010

**TRT#:** 1

**DOSE:** 0

**SEX:** Male

**DISP:** Natural Death

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Skin

Spleen

Unspecified

Multiple Organs Nos

Inflammation, Acute Focal

Erythropoiesis

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_011

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Glomerulosclerosis, Nos

Lymph node

Mandibular Lymph Node

Hyperplasia, Plasma Cell

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_012

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Lung		Alveolar/Bronchiolar Adenoma
Lymph node	Pancreatic Lymph Node	Hyperplasia, Plasma Cell
Unspecified	Multiple Organs Nos	Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_013

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_014

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_015

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart		Fibrosis, Diffuse
Intestine Small	Ileum	Amyloidosis
Lymph node	Mandibular Lymph Node	Hyperplasia, Plasma Cell

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_016

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart

Atrium

Thrombus, Mural

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_017

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Liver

Hepatocellular Carcinoma

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_018

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Acute
Kidney		Inflammation, Suppurative
Lymph node	Mandibular Lymph Node	Hyperplasia, Plasma Cell
Unspecified	Multiple Organs Nos	Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_019

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_020

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart

Atrium

Thrombus, Mural

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_021

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**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**

Skin

Acanthosis

Hyperkeratosis

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_023

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Kidney

Inflammation, Chronic Diffuse

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_024

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_025

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart

Fibrosis, Diffuse

Atrium

Thrombus, Mural

Unspecified

Multiple Organs Nos

Amyloidosis

Urinary bladder

Inflammation, Chronic

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**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

Fibrosis, Diffuse

Atrium

Thrombus, Mural

Kidney

Inflammation, Chronic

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_027

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_028

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Acute Focal
Kidney		Inflammation, Suppurative
Liver		Hepatocellular Adenoma
Lymph node	Mandibular Lymph Node	Hyperplasia, Plasma Cell
Skin		Inflammation, Acute Focal
Spleen		Erythropoiesis
Unspecified	Multiple Organs Nos	Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_029

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart

Atrium

Thrombus, Mural

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_030

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Skin

Acanthosis

Hyperkeratosis

Urinary bladder

Submucosa

Necrosis, Focal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_031

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Glomerulosclerosis, Nos

Liver

Hepatocellular Adenoma

Unspecified

Multiple Organs Nos

Amyloidosis

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_032

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Lung		Alveolar/Bronchiolar Adenoma
Lymph node	Mandibular Lymph Node	Hyperplasia, Plasma Cell
Unspecified	Multiple Organs Nos	Amyloidosis
	Mediastinum Nos	Inflammation, Suppurative

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_033

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Penis		Inflammation, Acute/Chronic
Unspecified	Multiple Organs Nos	Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_034

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Skin

Lipomatosis

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_035

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Small

Jejunum

Amyloidosis

Skin

Hyperkeratosis

Spleen

Erythropoiesis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_036

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_037

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart

Atrium

Thrombus, Mural

Skin

Acanthosis

Hyperkeratosis

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_038

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Skin

Cyst, Epidermal Inclusion

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_039

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart		Fibrosis, Diffuse
Intestine Small	Mesentery Nos	Abscess, Nos
Prostate		Inflammation, Suppurative
Skin		Ulcer, Acute
Unspecified	Multiple Organs Nos	Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_040

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**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**

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_042

**TRT#:** 1

**DOSE:** 0

**SEX:** Male

**DISP:** Natural Death

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Liver  
Hepatocellular Adenoma  
Inflammation, Chronic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_044

**TRT#:** 1

**DOSE:** 0

**SEX:** Male

**DISP:** Moribund Sacrifice

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Kidney

Prostate

Spleen

Stomach

Unspecified

Mucosa

Multiple Organs Nos

Pyelonephritis, Acute

Inflammation, Acute

Erythropoiesis

Calcification, Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_045

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Skin

Ulcer, Acute

Unspecified

Multiple Organs Nos

Amyloidosis

Multiple Organs Nos

Hyperplasia, Plasma Cell

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**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**

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_047

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Lymph node

Mandibular Lymph Node

Hyperplasia, Lymphoid

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_048

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_049

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Lymph node  
Skin

Mandibular Lymph Node

Hyperplasia, Plasma Cell  
Acanthosis  
Hyperkeratosis  
Inflammation, Acute  
Parakeratosis  
Ulcer, Nos  
Amyloidosis

Unspecified

Multiple Organs Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**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**

Lymph node

Mandibular Lymph Node

Hyperplasia, Plasma Cell

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_001

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_002

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Skin		Acanthosis
		Hyperkeratosis
Unspecified	Multiple Organs Nos	Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_003

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_004

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Nephrosis, Hydro

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_005

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Heart	Atrium	Thrombus, Mural
Intestine Large	Colon	Nematodiasis
Kidney		Pyelonephritis, Chronic
Unspecified	Multiple Organs Nos	Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_006

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_007

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Heart

Atrium

Thrombus, Mural

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_008

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart

Fibrosis, Diffuse

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_009

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart

Fibrosis, Diffuse

Spleen

Erythropoiesis

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_010

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Heart		Fibrosis, Diffuse
Kidney		Pyelonephritis, Acute
Stomach	Mucosa	Calcification, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_011

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Heart	Atrium	Thrombus, Mural
Spleen		Erythropoiesis
Thyroid		Cyst, Follicular Nos
Unspecified	Multiple Organs Nos	Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_012

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Small

Ileum, Ileum

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_013

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Heart		Fibrosis, Diffuse
Kidney		Pyelonephritis, Acute
Liver		Hepatocellular Carcinoma
Skin		Inflammation, Necrotizing
Stomach	Mucosa	Calcification, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Urinary bladder		Inflammation, Chronic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_014

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver		Hematopoiesis
Lymph node	Mandibular Lymph Node	Lymphoma, Histiocytic-Malignant Type
Spleen		Hyperplasia, Plasma Cell
Unspecified	Multiple Organs Nos	Erythropoiesis
		Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_015

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Skin

Acanthosis

Hyperkeratosis

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_016

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Peritoneum

Unspecified

Multiple Organs Nos

Inflammation, Suppurative

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_017

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart		Fibrosis, Diffuse
	Atrium	Thrombus, Mural
Lung		Alveolar/Bronchiolar Adenoma
Skin		Hyperkeratosis
Unspecified	Multiple Organs Nos	Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_018

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Heart

Atrium

Thrombus, Mural

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_019

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Heart	Atrium	Thrombus, Mural
Lung		Hyperplasia, Alveolar Epithelium
Spleen		Erythropoiesis
Unspecified	Multiple Organs Nos	Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_020

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Heart	Atrium	Thrombus, Mural
Skin		Hyperkeratosis
Spleen		Erythroipoiesis
Unspecified	Multiple Organs Nos	Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_021

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Heart

Atrium

Thrombus, Mural

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_022

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_023

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Heart

Atrium

Thrombus, Mural

Spleen

Hemangiosarcoma

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_024

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_025

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Heart	Atrium	Fibrosis, Diffuse
Intestine Small	Ileum, Ileum	Thrombus, Mural
Prostate		Amyloidosis
Urinary bladder		Inflammation, Suppurative
		Inflammation, Acute

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_026

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_027

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Liver		Inflammation, Chronic
Unspecified	Multiple Organs Nos	Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_028

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Small

Ileum, Ileum

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_029

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Lung

Alveolar/Bronchiolar Adenoma

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_030

**TRT#:** 2

**DOSE:** 0

**SEX:** Male

**DISP:** Natural Death

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Heart

Kidney

Fibrosis, Diffuse

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_031

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Skin

Acanthosis

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_032

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_033

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Spleen

Unspecified

Multiple Organs Nos

Erythropoiesis

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_034

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Heart	Atrium	Thrombus, Mural
Liver		Necrosis, Focal
Unspecified	Multiple Organs Nos	Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_036

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Lung

Pneumonia, Chronic Murine

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_037

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Pyelonephritis, Chronic

Lymph node

Mesenteric Lymph Node

Thrombus, Fibrin

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_038

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_039

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_040

**TRT#:** 2

**DOSE:** 0

**SEX:** Male

**DISP:** Natural Death

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Kidney

Unspecified

Multiple Organs Nos

Inflammation, Chronic

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_041

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_042

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_043

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart

Fibrosis, Diffuse

Intestine Small

Ileum, Ileum

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_044

**TRT#:** 2

**DOSE:** 0

**SEX:** Male

**DISP:** Moribund Sacrifice

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Heart

Kidney

Spleen

Fibrosis, Diffuse

Pyelonephritis, Acute

Erythropoiesis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_045

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart

Atrium

Thrombus, Mural

Liver

Angiectasis

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_046

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Heart

Atrium

Thrombus, Mural

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_047

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Heart

Atrium

Thrombus, Mural

Intestine Small

Ileum, Ileum

Inflammation, Chronic

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_048

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Heart

Atrium

Fibrosis, Diffuse

Spleen

Thrombus, Mural

Unspecified

Multiple Organs Nos

Erythropoiesis

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_049

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Heart		Fibrosis, Diffuse
Lung		Alveolar/Bronchiolar Adenoma
Unspecified	Multiple Organs Nos	Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_050

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_001

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 MG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_002

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 MG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Intestine Large

Colon

Nematodiasis

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_004

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 MG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Small

Ileum, Ileum

Amyloidosis

Lung

Alveolar/Bronchiolar Carcinoma

Skin

Acanthosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_005

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 MG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Lung

Skin

Alveolar/Bronchiolar Carcinoma

Acanthosis

Hyperkeratosis

Testis

Tubule

Degeneration, Nos

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_006

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 MG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Lymph node

Mesenteric Lymph Node

Hemorrhage

Skin

Acanthosis

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_007

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 MG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_008

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 MG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart		Fibrosis, Diffuse
Lung		Alveolar/Bronchiolar Adenoma
Unspecified	Multiple Organs Nos	Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_009

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 MG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Lung

Fibrosis, Diffuse

Unspecified

Multiple Organs Nos

Inflammation, Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_010

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 MG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_011

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 MG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart

Atrium

Thrombus, Mural

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_012

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 MG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Lung		Bronchopneumonia, Acute
Unspecified	Multiple Organs Nos	Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_013

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 MG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart		Fibrosis, Diffuse
Lymph node	Mandibular Lymph Node	Hyperplasia, Plasma Cell
Unspecified	Multiple Organs Nos	Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_014

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 MG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Lung

Alveolar/Bronchiolar Carcinoma

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_015

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 MG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Lung

Alveolar/Bronchiolar Adenoma

Skin

Acanthosis

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_016

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 MG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_017

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 MG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Liver

Centrilobular

Necrosis, Nos

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_018

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 MG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart

Endocarditis, Bacterial

Kidney

Inflammation, Chronic

Skin

Acanthosis

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_019

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 MG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Lung

Unspecified

Multiple Organs Nos

Alveolar/Bronchiolar Adenoma

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_020

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 MG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Thymus

Glomerulosclerosis, Nos

Lymphoma, Nos-Malignant

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_021

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 MG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Acute
Liver		Hepatocellular Adenoma
Unspecified	Multiple Organs Nos	Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_022

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 MG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart	Atrium	Thrombus, Mural
Liver		Hepatocellular Carcinoma
Unspecified	Multiple Organs Nos	Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_024

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 MG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart		Endocarditis, Bacterial
Lung		Alveolar/Bronchiolar Adenoma
Lymph node		Inflammation, Acute
Skin		Acanthosis
Unspecified	Multiple Organs Nos	Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_025

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 MG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_026

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 MG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Intestine Small

Ileum, Ileum

Amyloidosis

Lung

Alveolar/Bronchiolar Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_027

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 MG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_028

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 MG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Amyloidosis

---

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_029

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 MG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Skin

Inflammation, Chronic

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_030

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 MG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart

Atrium

Thrombus, Mural

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_031

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 MG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Spleen

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_032

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 MG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_033

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 MG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart

Myocardium Nos

Inflammation, Acute

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_034

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 MG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Pancreas

Inflammation, Chronic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_035

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 MG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_036

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 MG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart

Atrium

Thrombus, Mural

Skin

Acanthosis

Spleen

Erythropoiesis

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_037

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 MG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Spleen

Unspecified

Multiple Organs Nos

Erythropoiesis

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_038

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 MG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart

Atrium

Thrombus, Mural

Intestine Large

Colon

Nematodiasis

Skin

Acanthosis

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_039

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 MG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart

Fibrosis, Diffuse

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_040

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 MG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Small

Mesentery Nos

Abscess, Nos

Mesentery Nos

Necrosis, Fat

Spleen

Erythropoiesis

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_041

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 MG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart

Fibrosis, Diffuse

Spleen

Erythropoiesis

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_042

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 MG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Lung

Alveolar/Bronchiolar Adenoma

Skin

Acanthosis

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_043

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 MG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Lymphoma, Nos-Malignant

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_044

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 MG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Testis

Tubule

Calcification, Nos

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_045

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 MG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Skin

Acanthosis

Hyperkeratosis

Inflammation, Chronic

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_046

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 MG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Small

Ileum, Ileum

Amyloidosis

Liver

Inflammation, Chronic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_047

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 MG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Kidney

Inflammation, Suppurative

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_048

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 MG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Intestine Large

Colon

Nematodiasis

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_049

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 MG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart

Fibrosis, Diffuse

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_050

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 MG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_001

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 MG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Intestine Large

Colon

Nematodiasis

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_002

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 MG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart

Atrium

Thrombus, Mural

Kidney

Inflammation, Chronic

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_003

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 MG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart

Atrium

Thrombus, Mural

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_004

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 MG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Lymph node

Mandibular Lymph Node

Lymphoma, Nos-Malignant

Skin

Ulcer, Acute

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_005

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 MG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart

Atrium

Thrombus, Mural

Skin

Acanthosis

Hyperkeratosis

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_006

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 MG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Atrium	Thrombus, Mural
Lung		Alveolar/Bronchiolar Adenoma
Unspecified	Multiple Organs Nos	Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_007

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 MG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart	Amyloidosis
Prostate	Inflammation, Acute
Urinary bladder	Inflammation, Acute Suppurative

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_008

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 MG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart

Prostate

Unspecified

Multiple Organs Nos

Fibrosis, Diffuse

Inflammation, Acute

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_009

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 MG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Liver		Inflammation, Chronic
Unspecified	Multiple Organs Nos	Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_010

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 MG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Large

Colon

Nematodiasis

Kidney

Pyelonephritis, Suppurative

Lymph node

Mesenteric Lymph Node

Hyperplasia, Plasma Cell

Unspecified

Multiple Organs Nos

Amyloidosis

Urinary bladder

Inflammation, Acute Suppurative

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_011

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 MG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Small

Ileum, Ileum

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_012

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 MG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart

Atrium

Thrombus, Mural

Intestine Large

Colon

Nematodiasis

Spleen

Hematopoiesis

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_013

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 MG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Liver

Lymph node

Mesenteric Lymph Node

Necrosis, Focal

Congestion, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_014

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 MG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Atrium	Thrombus, Mural
Intestine Small	Ileum, Ileum	Amyloidosis
Kidney		Inflammation, Chronic
Skin		Acanthosis
		Hyperkeratosis
		Inflammation, Chronic
Stomach		Inflammation, Chronic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_015

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 MG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Kidney  
Prostate  
Urinary bladder

Pyelonephritis, Suppurative  
Inflammation, Acute  
Inflammation, Chronic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_016

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 MG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart

Atrium

Thrombus, Mural

Skin

Acanthosis

Hyperkeratosis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_017

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 MG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Small

Ileum, Ileum

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_018

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 MG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart

Intestine Small

Spleen

Ileum, Ileum

Fibrosis, Diffuse

Amyloidosis

Hemangiosarcoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_019

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 MG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Prostate

Inflammation, Suppurative

Urinary bladder

Inflammation, Chronic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_020

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 MG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart

Lymph node

Unspecified

Mesenteric Lymph Node

Multiple Organs Nos

Fibrosis, Diffuse

Congestion, Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_021

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 MG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Skin

Acanthosis

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_022

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 MG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_023

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 MG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart

Atrium

Thrombus, Mural

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_024

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 MG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart

Atrium

Thrombus, Mural

Skin

Acanthosis

Hyperkeratosis

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_025

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 MG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_026

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 MG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Intestine Small

Ileum, Ileum

Amyloidosis

Lymph node

Mesenteric Lymph Node

Congestion, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_027

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 MG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Intestine Large

Colon

Nematodiasis

Kidney

Pyelonephritis, Suppurative

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_028

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 MG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Skin

Acanthosis

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_029

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 MG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_030

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 MG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Acute Focal
Unspecified	Multiple Organs Nos	Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_032

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 MG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_033

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 MG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart

Atrium

Thrombus, Mural

Spleen

Erythropoiesis

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_034

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 MG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_035

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 MG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart

Atrium

Thrombus, Mural

Skin

Acanthosis

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_036

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 MG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Esophagus

Intestine Small

Kidney

Ileum, Ileum

Inflammation, Chronic

Amyloidosis

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_037

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 MG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart

Fibrosis, Diffuse

Liver

Inflammation, Chronic

Lymph node

Mesenteric Lymph Node

Congestion, Nos

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_038

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 MG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Lung

Skin

Alveolar/Bronchiolar Adenoma

Acanthosis

Inflammation, Acute Pustular

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_039

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 MG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Lung

Alveolar/Bronchiolar Adenoma

Skin

Ulcer, Acute

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_040

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 MG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart

Atrium

Thrombus, Mural

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_041

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 MG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Testis

Tubule

Calcification, Nos

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_042

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 MG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_043

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 MG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Small

Ileum, Ileum

Amyloidosis

Liver

Hepatocellular Carcinoma

Lung

Alveolar/Bronchiolar Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_044

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 MG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Intestine Small

Ileum, Ileum

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_045

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 MG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart

Atrium

Thrombus, Mural

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_046

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 MG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart

Salivary gland

Skin

Fibrosis, Diffuse

Amyloidosis

Acanthosis

Hyperkeratosis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_047

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 MG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart

Fibrosis, Diffuse

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_048

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 MG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart

Atrium

Thrombus, Mural

Skin

Acanthosis

Hyperkeratosis

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_049

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 MG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Lymph node

Mesenteric Lymph Node

Congestion, Nos

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50033B

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Selenium sulfide

**CAS Number:** 7446-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:50:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_050

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 MG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Amyloidosis

---

**PRIMARY CAUSE OF DEATH**

-

---

**\*\* END OF REPORT \*\***

\* PROTOCOL REQUIRED TISSUE