

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:21

First Dose M/F: NA / NA

Lab: NA

C Number: C50464

Cage Range: All

Date Range: All

Reasons For Removal: All

Removal Date Range: All

Treatment Groups: All

Study Gender: Male

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_001

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Eye

Cataract

Kidney

Retinopathy

Testis

Nephrosis, Nos

Urinary bladder

Interstitial-Cell Tumor

Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_002

TRT#: 1

DOSE: 025.0 MG/KG

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Eye

Heart

Kidney

Skin

Testis

Retinopathy

Fibrosis, Focal

Inflammation, Chronic

Papilloma, Nos

Squamous Cell Carcinoma

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_003

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart

Myocardium Nos

Inflammation, Chronic Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_004

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye

Retinopathy

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_005

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Liver

Testis

Pheochromocytoma

Fibrosis, Focal

Neoplastic Nodule

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_006

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Eye

Heart

Intestine Small

Kidney

Testis

Mesentery Nos

Pheochromocytoma

Retinopathy

Fibrosis, Focal

Necrosis, Fat

Inflammation, Chronic

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_007

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye		Retinopathy
Intestine Large	Colon	Parasitism
Kidney		Inflammation, Chronic
Mammary gland		Fibroadenoma
Testis		Interstitial-Cell Tumor
Unspecified	Pelvis	Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_008

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye

Retinopathy

Heart

Fibrosis, Focal

Lung

Cholesterol Deposit

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Undifferentiated

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_009

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart

Myocardium Nos

Inflammation, Chronic

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_010

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye

Intestine Small

Lung

Pancreas

Testis

Mesentery Nos

Retinopathy

Necrosis, Fat

Alveolar/Bronchiolar Adenoma

Atrophy, Focal

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_011

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Eye

Cataract

Kidney

Retinopathy

Liver

Inflammation, Chronic

Mammary gland

Bile Duct

Hyperplasia, Nos

Pituitary gland

Cystic Ducts

Testis

Adenoma, Nos

Thyroid

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

C-Cell Adenoma

Leukemia, Undifferentiated

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_012

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Eye

Heart

Intestine Small

Lung

Preputial gland

Testis

Mesentery Nos

Pheochromocytoma

Retinopathy

Fibrosis, Focal

Necrosis, Fat

Squamous Cell Carcinoma, Uncertain Prim/Meta

Carcinoma, Nos

Cyst, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_013

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Eye

Kidney

Liver

Skin

Testis

Unspecified

Urinary bladder

Multiple Organs Nos

Pheochromocytoma

Retinopathy

Inflammation, Chronic

Neoplastic Nodule

Squamous Cell Papilloma

Interstitial-Cell Tumor

Leukemia, Undifferentiated

Transitional-Cell Papilloma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_014

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Eye

Lung

Testis

Unspecified

Abdomen

Pheochromocytoma

Retinopathy

Metaplasia, Osseous

Sarcoma, Nos, Uncertain Primary Or Meta

Interstitial-Cell Tumor

Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_015

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye

Retinopathy

Kidney

Inflammation, Chronic

Testis

Interstitial-Cell Tumor

Thyroid

C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_016

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver	Congestion, Acute
Lung	Pneumonia, Aspiration
Testis	Interstitial-Cell Tumor
Urinary bladder	Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_017

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Eye

Retinopathy

Testis

Interstitial-Cell Tumor

Thyroid

Follicular-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_018

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye

Retinopathy

Testis

Interstitial-Cell Tumor

Thyroid

C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_019

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye

Kidney

Testis

Retinopathy

Inflammation, Chronic

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_020

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Eye

Heart

Kidney

Liver

Testis

Pheochromocytoma

Retinopathy

Fibrosis, Focal

Inflammation, Chronic

Neoplastic Nodule

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_021

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye		Retinopathy
Kidney		Inflammation, Chronic
Mammary gland		Hyperplasia, Nos
Pituitary gland		Adenoma, Nos
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Carcinoma
Unspecified	Multiple Organs Nos	Leukemia, Undifferentiated

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_022

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Lung		Pneumonia, Aspiration
Spleen		Hemosiderosis
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_023

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye	Retinopathy
Heart	Fibrosis, Focal
Kidney	Inflammation, Chronic
Lung	Alveolar/Bronchiolar Carcinoma
Mammary gland	Cystic Ducts
Pituitary gland	Angiectasis
Skin	Cyst, Epidermal Inclusion
Testis	Interstitial-Cell Tumor
Urinary bladder	Hyperplasia, Nodular

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_024

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye

Retinopathy

Testis

Interstitial-Cell Tumor

Thyroid

C-Cell Adenoma

Urinary bladder

Transitional-Cell Papilloma

Zymbal gland

Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_025

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Eye	Retinopathy
Kidney	Inflammation, Chronic
Lung	Pneumonia, Aspiration
Testis	Interstitial-Cell Tumor
Unspecified	Sarcoma, Nos
Urinary bladder	Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_026

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Eye

Intestine Small

Kidney

Mammary gland

Preputial gland

Testis

Mesentery Nos

Pheochromocytoma

Retinopathy

Necrosis, Fat

Inflammation, Chronic

Fibroadenoma

Cyst, Nos

Inflammation, Acute/Chronic

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_027

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye

Retinopathy

Heart

Fibrosis, Focal

Liver

Angiectasis

Pituitary gland

Adenoma, Nos

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_028

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye		Retinopathy
Heart		Fibrosis, Focal
Kidney		Inflammation, Chronic
Liver		Angiectasis
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Undifferentiated

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_029

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye	Retinopathy
Heart	Fibrosis, Focal
Kidney	Inflammation, Chronic
Liver	Cytologic Alteration, Nos
Testis	Interstitial-Cell Tumor
	Mesothelioma, Nos
	Tunica Vaginalis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_030

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye	Retinopathy
Heart	Fibrosis, Focal
	Inflammation, Chronic Focal
Testis	Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_031

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Accidentally Killed

HISTO:

OBSERVATIONS

Heart

Myocardium Nos

Inflammation, Chronic

Lung

Pneumonia, Aspiration

Testis

Interstitial-Cell Tumor

Urinary bladder

Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_032

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Eye

Kidney

Liver

Bile Duct

Mammary gland

Testis

Pheochromocytoma

Retinopathy

Inflammation, Chronic

Hyperplasia, Nos

Inflammation, Granulomatous

Fibroadenoma

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_033

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Lung		Hyperplasia, Adenomatous
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_034

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain	Meninges	Inflammation, Chronic Focal
Eye		Cataract
		Retinopathy
Heart		Fibrosis, Focal
Intestine Small	Mesentery Nos	Necrosis, Fat
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Focal
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_035

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Fibrosis, Focal
Intestine Small	Mesentery Nos	Necrosis, Fat
Liver	Bile Duct	Hyperplasia, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Tail	Fibrosarcoma
	Multiple Organs Nos	Mesothelioma, Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_036

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain

Glioma, Nos

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_037

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye

Cataract

Intestine Small

Mesentery Nos

Retinopathy

Kidney

Angiectasis

Skin

Inflammation, Chronic

Testis

Face

Squamous Cell Papilloma

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_038

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye		Cataract
		Retinopathy
Liver	Bile Duct	Hyperplasia, Nos
		Neoplastic Nodule
Lung		Hyperplasia, Alveolar Epithelium
Skin		Cyst, Epidermal Inclusion
		Squamous Cell Papilloma
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Undifferentiated
Urinary bladder		Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_039

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Eye

Kidney

Liver

Mammary gland

Spleen

Testis

Thyroid

Urinary bladder

Bile Duct

Pheochromocytoma

Cataract

Retinopathy

Inflammation, Chronic

Hyperplasia, Nos

Cystic Ducts

Hemosiderosis

Interstitial-Cell Tumor

C-Cell Adenoma

Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_040

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye

Cataract

Heart

Retinopathy

Intestine Small

Duodenum

Fibrosis, Focal

Liver

Bile Duct

Mucinous Adenocarcinoma

Spleen

Hyperplasia, Nos

Testis

Hemosiderosis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_041

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Undifferentiated

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_042

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Lung

Alveolar/Bronchiolar Carcinoma

Skin

Squamous Cell Carcinoma

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Alveolar/Bronchiolar Carcinoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl isothiocyanate
CAS Number: 57-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 13:27:21
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_043

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye		Cataract
		Retinopathy
Heart		Fibrosis, Focal
Liver	Bile Duct	Hyperplasia, Nos
Pituitary gland		Adenoma, Nos
Spleen		Hemosiderosis
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
Urinary bladder		Transitional-Cell Papilloma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_044

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Eye

Retinopathy

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_045

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Eye

Cataract

Heart

Retinopathy

Kidney

Fibrosis, Focal

Mammary gland

Inflammation, Chronic

Testis

Cystic Ducts

Unspecified

Multiple Organs Nos

Interstitial-Cell Tumor

Leukemia, Undifferentiated

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_046

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Eye

Heart

Intestine Small

Liver

Pancreas

Skin

Spleen

Testis

Mesentery Nos

Bile Duct

Pheochromocytoma

Cataract

Retinopathy

Fibrosis, Focal

Necrosis, Fat

Hyperplasia, Nos

Cyst, Nos

Cyst, Epidermal Inclusion

Hemosiderosis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_047

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Eye

Intestine Small

Testis

Thyroid

Ileum, Ileum

Retinopathy

Osteosarcoma

Interstitial-Cell Tumor

Cystic Follicles

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_048

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye

Cataract

Heart

Retinopathy

Pancreas

Islets

Fibrosis, Focal

Preputial gland

Islet-Cell Adenoma

Adenocarcinoma, Nos

Testis

Cystic Ducts

Urinary bladder

Interstitial-Cell Tumor

Transitional-Cell Papilloma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl isothiocyanate
CAS Number: 57-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 13:27:22
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_049

TRT#: 1
DOSE: 025.0 MG/KG

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Eye

Heart
Intestine Small

Kidney

Liver

Mammary gland

Prostate

Seminal vesicle

Skin

Spleen

Testis

Mesentery Nos

Bile Duct

Pheochromocytoma
Cataract
Retinopathy
Fibrosis, Focal
Necrosis, Fat
Inflammation, Chronic
Hyperplasia, Nos
Cystic Ducts
Inflammation, Acute Suppurative
Dilatation, Nos
Squamous Cell Papilloma
Hemosiderosis
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_050

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Blood vessel
Eye

Mesenteric Artery Nos

Inflammation, Chronic
Cataract

Liver

Bile Duct

Retinopathy
Hyperplasia, Nos
Neoplastic Nodule

Mammary gland
Spleen
Testis

Cystic Ducts
Hemosiderosis
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_001

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis, Focal
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Abdomen	Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_002

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis, Focal
Intestine Small	Mesentery Nos	Inflammation, Acute/Chronic
Mammary gland		Cystic Ducts
Pituitary gland		Adenoma, Nos
Spleen		Fibrous Histiocytoma, Metastatic
Testis		Hematopoiesis
Unspecified		Interstitial-Cell Tumor
		Fibrous Histiocytoma, Malignant

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_003

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis, Focal
Liver	Bile Duct	Hyperplasia, Nos
Mammary gland		Cystic Ducts
Pituitary gland		Carcinoma, Nos
Prostate		Inflammation, Acute Suppurative
Spleen		Hemosiderosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_004

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis, Focal
Liver	Bile Duct	Hyperplasia, Nos
Lung		Hyperplasia, Alveolar Epithelium
Mammary gland		Cystic Ducts
Pancreas		Atrophy, Focal
Pituitary gland		Angiectasis
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_005

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephrosis, Nos
		Pigmentation, Nos
Liver	Centrilobular	Cytoplasmic Vacuolization
Lymph node	Mandibular Lymph Node	Hyperplasia, Plasma Cell
Preputial gland		Cystadenoma, Nos
Spleen		Hematopoiesis
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Carcinoma
Unspecified	Multiple Organs Nos	Mesothelioma, Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_006

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye

Cataract

Intestine Small

Mesentery Nos

Retinopathy

Liver

Bile Duct

Necrosis, Fat

Testis

Hyperplasia, Nos

Unspecified

Tail

Interstitial-Cell Tumor

Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_007

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Mesentery Nos

Necrosis, Fat

Mammary gland

Cystic Ducts

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Undifferentiated

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_008

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis, Focal
Liver	Bile Duct	Hyperplasia, Nos
Mammary gland		Cystic Ducts
Pituitary gland		Adenoma, Nos
Prostate		Inflammation, Acute Suppurative
Skin		Cyst, Epidermal Inclusion
Spleen		Hemangiosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_009

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis, Focal
Intestine Small	Mesentery Nos	Necrosis, Fat
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_010

TRT#: 2

DOSE: 012.0 MG/KG

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Large
Liver
Testis
Unspecified
Urinary bladder

Colon
Bile Duct

Pheochromocytoma
Fibrosis, Focal
Parasitism
Hyperplasia, Nos
Interstitial-Cell Tumor
Fibroma
Hyperplasia, Epithelial
Lipoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_011

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart

Kidney

Liver

Mammary gland

Testis

Bile Duct

Fibrosis, Focal

Inflammation, Chronic

Hyperplasia, Nos

Cystic Ducts

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_012

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Intestine Small

Kidney

Pancreas

Testis

Unspecified

Mesentery Nos

Abdominal Wall Nos

Pheochromocytoma

Fibrosis, Focal

Necrosis, Fat

Inflammation, Chronic

Atrophy, Focal

Interstitial-Cell Tumor

Osteosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_013

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Necrosis, Nos

Heart

Fibrosis, Focal

Kidney

Inflammation, Chronic

Liver

Bile Duct

Hyperplasia, Nos

Preputial gland

Cyst, Nos

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Undifferentiated

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_014

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Lymphoma, Histiocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_015

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Testis

Unspecified

Ear

Multiple Organs Nos

Interstitial-Cell Tumor

Fibrosarcoma

Mesothelioma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_016

TRT#: 2

DOSE: 012.0 MG/KG

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney
Liver
Pituitary gland
Preputial gland
Spleen
Testis

Ganglioneuroma
Inflammation, Chronic Focal
Inflammation, Chronic
Cytologic Alteration, Nos
Adenoma, Nos
Cystic Ducts
Hemosiderosis
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_017

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis, Focal
Kidney		Inflammation, Chronic
Liver		Cytologic Alteration, Nos
	Bile Duct	Hyperplasia, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Undifferentiated

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_018

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Pheochromocytoma

Kidney

Inflammation, Chronic

Liver

Bile Duct

Hyperplasia, Nos

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_019

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Kidney

Liver

Mammary gland

Testis

Mesentery Nos

Bile Duct

Necrosis, Fat

Inflammation, Chronic

Cytologic Alteration, Nos

Hyperplasia, Nos

Fibroadenoma

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_020

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Liver

Spleen

Testis

Thyroid

Bile Duct

Pheochromocytoma

Hyperplasia, Nos

Hemosiderosis

Interstitial-Cell Tumor

C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_021

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Pheochromocytoma

Heart

Myocardium Nos

Pheochromocytoma, Malignant

Kidney

Inflammation, Chronic

Testis

Inflammation, Chronic

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_022

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Pituitary gland

Adenoma, Nos

Prostate

Gland

Abscess, Chronic

Stomach

Submucosa

Inflammation, Suppurative

Fibrosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_023

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye

Cataract

Heart

Retinopathy

Liver

Fibrosis, Focal

Spleen

Bile Duct

Hyperplasia, Nos

Testis

Hemosiderosis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_024

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Small

Mesentery Nos

Necrosis, Fat

Mammary gland

Cystic Ducts

Pituitary gland

Adenoma, Nos

Urinary bladder

Transitional-Cell Papilloma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl isothiocyanate
CAS Number: 57-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 13:27:22
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_025

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Eye

Kidney

Liver

Spleen

Testis

Thyroid

Bile Duct

Pheochromocytoma

Cataract

Retinopathy

Inflammation, Chronic

Tubular-Cell Adenoma

Cytologic Alteration, Nos

Hyperplasia, Nos

Hemosiderosis

Interstitial-Cell Tumor

C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_026

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Eye

Liver

Mammary gland

Spleen

Testis

Unspecified

Bile Duct

Pheochromocytoma

Cataract

Retinopathy

Hyperplasia, Nos

Cystic Ducts

Hemosiderosis

Interstitial-Cell Tumor

Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_027

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Liver

Mammary gland

Pancreas

Salivary gland

Bile Duct

Pheochromocytoma

Inflammation, Chronic

Hyperplasia, Nos

Fibroadenoma

Atrophy, Focal

Atrophy, Focal

Fibrosis, Focal

Hemosiderosis

Interstitial-Cell Tumor

C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_028

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver	Bile Duct	Hyperplasia, Nos
Lung		Fibrosarcoma, Metastatic
		Hyperplasia, Alveolar Epithelium
Mammary gland		Cystic Ducts
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
Unspecified		Fibrosarcoma
	Multiple Organs Nos	Leukemia, Undifferentiated

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_029

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart

Myocardium Nos

Inflammation, Chronic

Testis

Atrophy, Nos

Interstitial-Cell Tumor

Unspecified

Axilla

Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_030

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye

Cataract

Heart

Retinopathy

Kidney

Fibrosis, Focal

Liver

Bile Duct

Inflammation, Chronic

Testis

Hyperplasia, Nos

Thyroid

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

C-Cell Adenoma

Leukemia, Undifferentiated

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_031

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis, Focal
Liver	Bile Duct	Hyperplasia, Nos
Lung		Alveolar/Bronchiolar Adenoma
Mammary gland		Fibroadenoma
Spleen		Hemosiderosis
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_032

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone

Skull

Osteoma

Liver

Bile Duct

Hyperplasia, Nos

Mammary gland

Cystic Ducts

Pituitary gland

Adenoma, Nos

Spleen

Hemosiderosis

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_033

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis, Focal
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Spleen		Hemosiderosis
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
Unspecified	Groin	Fibrosarcoma
Urinary bladder		Transitional-Cell Papilloma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_034

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Testis

Unspecified

Interstitial-Cell Tumor

Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl isothiocyanate
CAS Number: 57-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 13:27:22
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_035

TRT#: 2
DOSE: 012.0 MG/KG

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Eye		Cataract
Heart		Retinopathy
Intestine Small	Mesentery Nos	Fibrosis, Focal
Liver	Bile Duct	Necrosis, Fat
Skin		Hyperplasia, Nos
		Basal-Cell Carcinoma
		Keratoacanthoma
Spleen		Hemosiderosis
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_036

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Heart		Fibrosis, Focal
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Lung		Fibrous Histiocytoma, Metastatic
Pituitary gland		Adenoma, Nos
Spleen		Hemosiderosis
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
Unspecified	Back	Fibrous Histiocytoma, Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_037

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis, Focal
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Pancreas	Islets	Islet-Cell Adenoma
Spleen		Hemosiderosis
Testis		Interstitial-Cell Tumor
Unspecified	Abdomen	Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_038

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Liver

Mammary gland

Pituitary gland

Prostate

Spleen

Testis

Bile Duct

Pheochromocytoma

Hyperplasia, Nos

Cystic Ducts

Adenoma, Nos

Inflammation, Acute Suppurative

Hemosiderosis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_039

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Accidentally Killed

HISTO:

OBSERVATIONS

Preputial gland

Inflammation, Chronic Suppurative

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_040

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Liver

Lung

Mammary gland

Pancreas

Pituitary gland

Spleen

Thyroid

Bile Duct

Cytoplasmic Vacuolization

Hyperplasia, Nos

Alveolar/Bronchiolar Adenoma

Cystic Ducts

Atrophy, Focal

Adenoma, Nos

Hemosiderosis

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_041

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis, Focal
Intestine Small	Mesentery Nos	Mesothelioma, Nos
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Testis		Interstitial-Cell Tumor
Unspecified		Hematoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_042

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis, Focal
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Pancreas		Atrophy, Focal
Preputial gland		Carcinoma, Nos
		Cystic Ducts
Seminal vesicle		Dilatation, Nos
Testis		Interstitial-Cell Tumor
Thyroid		Cystic Follicles

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_043

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Intestine Small
Liver
Lung
Spleen
Testis

Mesentery Nos
Bile Duct

Pheochromocytoma
Necrosis, Fat
Hyperplasia, Nos
Hyperplasia, Alveolar Epithelium
Hemosiderosis
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_044

TRT#: 2

DOSE: 012.0 MG/KG

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Mammary gland

Pituitary gland

Spleen

Testis

Pheochromocytoma

Fibrosis, Focal

Inflammation, Chronic

Cystic Ducts

Adenoma, Nos

Hemosiderosis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_045

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cyst, Nos

Mammary gland

Pheochromocytoma

Pituitary gland

Cystic Ducts

Testis

Adenoma, Nos

Thyroid

Interstitial-Cell Tumor

C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_046

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Spleen

Testis

Thyroid

Bile Duct

Pheochromocytoma

Fibrosis, Focal

Inflammation, Chronic

Hyperplasia, Nos

Hemosiderosis

Interstitial-Cell Tumor

C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_047

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Mammary gland

Pancreas

Islets

Pituitary gland

Prostate

Spleen

Testis

Pheochromocytoma

Fibrosis, Focal

Inflammation, Chronic

Cystic Ducts

Islet-Cell Adenoma

Adenoma, Nos

Inflammation, Acute Suppurative

Hemosiderosis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_048

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Testis

Interstitial-Cell Tumor

Unspecified

Tail

Osteosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_049

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver	Bile Duct	Hyperplasia, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Undifferentiated

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_050

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Intestine Small
Kidney
Liver
Preputial gland

Mesentery Nos

Bile Duct

Spleen
Testis
Thyroid

Pheochromocytoma
Necrosis, Fat
Inflammation, Chronic
Hyperplasia, Focal
Adenocarcinoma, Nos
Cystic Ducts
Hemosiderosis
Interstitial-Cell Tumor
C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_001

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Eye

Kidney

Testis

Retinopathy

Nephrosis, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_002

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Eye
Preputial gland
Testis
Thyroid

Retinopathy
Hyperplasia, Cystic
Interstitial-Cell Tumor
C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_003

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Eye

Heart

Testis

Retinopathy

Fibrosis, Focal

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_004

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Skin

Testis

Pheochromocytoma

Papilloma, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_005

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Eye

Testis

Retinopathy

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_006

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Eye
Kidney
Preputial gland

Retinopathy
Tubular-Cell Adenoma
Hyperplasia, Nos
Inflammation, Acute
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_007

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Eye

Testis

Retinopathy

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_008

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain	Hypothalamus Nos	Hemorrhage
Heart	Myocardium Nos	Inflammation, Chronic
Pituitary gland		Adenoma, Nos
Prostate		Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_009

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Eye

Heart

Kidney

Testis

Retinopathy

Inflammation, Chronic Focal

Inflammation, Chronic

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_010

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Urinary bladder

Inflammation, Hemorrhagic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_011

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Eye

Heart

Lung

Testis

Thyroid

Retinopathy

Inflammation, Chronic Focal

Hyperplasia, Alveolar Epithelium

Interstitial-Cell Tumor

C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_012

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Eye

Testis

Retinopathy

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_013

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Eye	Retinopathy
Heart	Inflammation, Chronic Focal
Testis	Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_014

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Eye

Retinopathy

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_015

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Eye

Testis

Retinopathy

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_016

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye

Intestine Small

Testis

Mesentery Nos

Retinopathy

Necrosis, Fat

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_017

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Eye

Testis

Retinopathy

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_018

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Eye

Prostate

Retinopathy

Inflammation, Chronic Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_019

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Eye

Kidney

Testis

Retinopathy

Inflammation, Chronic

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_020

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Eye

Testis

Pheochromocytoma

Retinopathy

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_021

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Eye	Retinopathy
Pituitary gland	Carcinoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_022

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Eye

Preputial gland

Retinopathy

Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_023

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye

Intestine Small

Testis

Mesentery Nos

Retinopathy

Necrosis, Fat

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_024

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Eye
Preputial gland
Testis

Retinopathy
Adenoma, Nos
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_025

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Eye
Preputial gland
Testis

Retinopathy
Hyperplasia, Cystic
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_026

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Chronic
Lymph node	Mesenteric Lymph Node	Hemorrhage, Chronic
	Mesenteric Lymph Node	Inflammation, Granulomatous
Pancreas		Periarteritis
Parathyroid gland		Hyperplasia, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_027

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Eye

Testis

Retinopathy

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_028

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Eye	Retinopathy
Kidney	Inflammation, Chronic
Lung	Alveolar/Bronchiolar Carcinoma
Testis	Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_029

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic Focal
Intestine Small	Mesentery Nos	Necrosis, Fat
Seminal vesicle		Cyst, Nos
		Granuloma, Spermatic
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_030

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Eye

Testis

Retinopathy

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_031

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Mesentery Nos

Necrosis, Fat

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_032

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_033

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart

Inflammation, Chronic Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_034

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart

Testis

Inflammation, Chronic

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_035

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_036

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Testis

Interstitial-Cell Tumor

Unspecified

Ear

Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_037

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Lung

Pituitary gland

Testis

Inflammation, Chronic

Bronchopneumonia, Chronic

Adenoma, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_038

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart

Testis

Inflammation, Chronic Focal

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_039

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Testis

Inflammation, Chronic

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_040

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Thyroid

Inflammation, Chronic

C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_041

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Mesentery Nos

Necrosis, Fat

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_042

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Preputial gland

Hyperplasia, Nos

Seminal vesicle

Inflammation, Acute Suppurative

Testis

Inflammation, Acute Focal

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_043

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_044

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_045

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart

Kidney

Testis

Thyroid

Fibrosis, Focal

Inflammation, Chronic

Interstitial-Cell Tumor

C-Cell Carcinoma

Cystic Follicles

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_046

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Testis

Inflammation, Chronic

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_047

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Lymph node

Skin

Testis

Unspecified

Inguinal Lymph Node

Pheochromocytoma

Hyperplasia, Diffuse

Basal-Cell Carcinoma

Interstitial-Cell Tumor

Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_048

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney
Pituitary gland
Testis
Thyroid

Inflammation, Chronic
Adenoma, Nos
Interstitial-Cell Tumor
C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_049

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Testis

Unspecified

Multiple Organs Nos

Pheochromocytoma

Fibrosis, Focal

Interstitial-Cell Tumor

Leukemia, Undifferentiated

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_050

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart

Kidney

Testis

Fibrosis, Focal

Inflammation, Chronic

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl isothiocyanate
CAS Number: 57-06-7

Date Report Requested: 10/26/2014
Time Report Requested: 13:27:22
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_001

TRT#: 4
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Eye		Cataract
		Retinopathy
Intestine Small	Mesentery Nos	Necrosis, Fat
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Focal
Mammary gland		Cystic Ducts
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_002

TRT#: 4

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Liver

Prostate

Spleen

Testis

Inflammation, Chronic

Neoplastic Nodule

Inflammation, Acute Suppurative

Hemosiderosis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_003

TRT#: 4

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Mammary gland

Preputial gland

Testis

Inflammation, Chronic

Cystic Ducts

Adenocarcinoma, Nos

Cystic Ducts

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_004

TRT#: 4

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Spleen

Testis

Pheochromocytoma

Inflammation, Chronic

Hemosiderosis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_005

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye

Retinopathy

Heart

Fibrosis, Focal

Intestine Small

Mesentery Nos

Necrosis, Fat

Kidney

Inflammation, Chronic

Testis

Interstitial-Cell Tumor

Unspecified

Back

Fibrosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_006

TRT#: 4

DOSE: 0

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Spleen

Testis

Thyroid

Unspecified

Neck

Pheochromocytoma

Fibrosis, Focal

Inflammation, Chronic

Angiectasis

Interstitial-Cell Tumor

C-Cell Carcinoma

Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_007

TRT#: 4

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Bone marrow

Spleen

Testis

Unspecified

Neck

Hyperplasia, Nos

Hyperplasia, Lymphoid

Interstitial-Cell Tumor

Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_008

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_009

TRT#: 4

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Eye

Cataract

Kidney

Retinopathy

Mammary gland

Inflammation, Chronic

Pituitary gland

Cystic Ducts

Prostate

Adenoma, Nos

Unspecified

Inflammation, Acute Suppurative

Fibrous Histiocytoma, Malignant

Multiple Organs Nos

Fibrous Histiocytoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_010

TRT#: 4

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Eye

Kidney

Liver

Spleen

Testis

Thyroid

Bile Duct

Pheochromocytoma

Cataract

Retinopathy

Inflammation, Chronic

Hyperplasia, Focal

Hemosiderosis

Interstitial-Cell Tumor

C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_011

TRT#: 4

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Liver

Pancreas

Spleen

Testis

Thyroid

Bile Duct

Pheochromocytoma

Inflammation, Chronic

Hyperplasia, Focal

Adenoma, Nos

Hemosiderosis

Interstitial-Cell Tumor

Cystic Follicles

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_012

TRT#: 4

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Mammary gland

Skin

Spleen

Testis

Inflammation, Chronic

Fibroadenoma

Cyst, Epidermal Inclusion

Hemosiderosis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_013

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Liver

Spleen

Testis

Bile Duct

Inflammation, Chronic

Hyperplasia, Focal

Hemosiderosis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_014

TRT#: 4

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Eye

Cataract

Intestine Small

Mesentery Nos

Retinopathy

Liver

Bile Duct

Necrosis, Fat

Mammary gland

Hyperplasia, Nos

Prostate

Adenosis

Testis

Cystic Ducts

Inflammation, Acute Suppurative

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_015

TRT#: 4

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart	Fibrosis, Focal
Kidney	Inflammation, Chronic
Liver	Cytologic Alteration, Nos
Mammary gland	Adenosis
	Cystic Ducts
Skin	Cyst, Epidermal Inclusion
Spleen	Hemosiderosis
Testis	Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_016

TRT#: 4

DOSE: 0

SEX: Male

DISP: Natural Death

DAY ON TEST:

HISTO:

OBSERVATIONS

Lung

Edema, Nos

Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_017

TRT#: 4

DOSE: 0

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Testis

Pheochromocytoma, Malignant

Fibrosis, Focal

Inflammation, Chronic

Necrosis, Zonal

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_018

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Eye

Unspecified

Multiple Organs Nos

Pheochromocytoma

Cataract

Retinopathy

Leukemia, Undifferentiated

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_019

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Cortical Adenoma

Kidney

Hyperplasia, Focal

Mammary gland

Inflammation, Chronic

Pituitary gland

Cystic Ducts

Prostate

Adenoma, Nos

Skin

Inflammation, Acute Suppurative

Spleen

Squamous Cell Papilloma

Testis

Hemosiderosis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_020

TRT#: 4

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Intestine Small

Kidney

Mammary gland

Prostate

Skin

Testis

Thyroid

Mesentery Nos

Pheochromocytoma

Fibrosis, Focal

Necrosis, Fat

Inflammation, Chronic

Cystic Ducts

Inflammation, Acute Suppurative

Cyst, Epidermal Inclusion

Interstitial-Cell Tumor

Cystic Follicles

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_021

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Testis

Unspecified

Bile Duct

Axilla

Pheochromocytoma

Fibrosis, Focal

Inflammation, Chronic

Hyperplasia, Focal

Interstitial-Cell Tumor

Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_022

TRT#: 4

DOSE: 0

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart	Fibrosis, Focal
Kidney	Inflammation, Chronic
Pituitary gland	Adenoma, Nos
Prostate	Inflammation, Acute Suppurative
Testis	Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_023

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Intestine Small

Liver

Preputial gland

Testis

Unspecified

Mesentery Nos

Bile Duct

Ear

Pheochromocytoma

Fibrosis, Focal

Necrosis, Fat

Hyperplasia, Nos

Neoplastic Nodule

Cystic Ducts

Interstitial-Cell Tumor

Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_024

TRT#: 4

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart

Kidney

Liver

Preputial gland

Bile Duct

Testis

Fibrosis, Focal

Inflammation, Chronic

Hyperplasia, Nos

Adenocarcinoma, Nos

Cystic Ducts

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_025

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Intestine Small
Kidney
Liver
Pancreas
Spleen
Testis

Mesentery Nos

Bile Duct

Pheochromocytoma
Necrosis, Fat
Inflammation, Chronic
Hyperplasia, Nos
Atrophy, Focal
Hemosiderosis
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_026

TRT#: 4

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Preputial gland

Skin

Spleen

Testis

Unspecified

Bile Duct

Pheochromocytoma

Fibrosis, Focal

Inflammation, Chronic

Hyperplasia, Focal

Cystic Ducts

Squamous Cell Carcinoma

Hemosiderosis

Interstitial-Cell Tumor

Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_027

TRT#: 4

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Pancreas

Spleen

Testis

Thyroid

Inflammation, Chronic

Atrophy, Focal

Hemosiderosis

Interstitial-Cell Tumor

Cystic Follicles

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_028

TRT#: 4

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Mammary gland		Cystic Ducts
Pituitary gland		Adenoma, Nos
Prostate		Inflammation, Acute Suppurative
Spleen		Hemosiderosis
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
Unspecified	Groin	Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_029

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Intestine Small

Kidney

Liver

Mammary gland

Pancreas

Spleen

Testis

Mesentery Nos

Bile Duct

Islets

Pheochromocytoma

Fibrosis, Focal

Necrosis, Fat

Inflammation, Chronic

Hyperplasia, Nos

Cystic Ducts

Islet-Cell Carcinoma

Hemosiderosis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_030

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver
Pancreas
Spleen

Bile Duct

Hyperplasia, Nos
Atrophy, Focal
Congestion, Nos
Fibrosis, Multifocal
Metamorphosis, Fatty
Interstitial-Cell Tumor
C-Cell Adenoma

Testis
Thyroid

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_031

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Liver

Testis

Bile Duct

Pheochromocytoma

Inflammation, Chronic

Hyperplasia, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_032

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow

Brain

Intestine Small

Kidney

Testis

Unspecified

Mesentery Nos

Multiple Organs Nos

Fibrosis, Myelo

Astrocytoma

Necrosis, Fat

Inflammation, Chronic

Interstitial-Cell Tumor

Leukemia, Undifferentiated

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_033

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye

Cataract

Intestine Small

Mesentery Nos

Retinopathy

Kidney

Necrosis, Fat

Liver

Inflammation, Chronic

Pancreas

Bile Duct

Hyperplasia, Focal

Acinus

Atrophy, Nos

Spleen

Hyperplasia, Lymphoid

Testis

Hemosiderosis

Thyroid

Interstitial-Cell Tumor

Cystic Follicles

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_034

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney	Tubule	Degeneration, Hyaline
Lung		Alveolar/Bronchiolar Carcinoma
Unspecified	Thorax Nos	Alveolar/Bronchiolar Carcinoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_035

TRT#: 4

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart

Kidney

Testis

Thyroid

Fibrosis, Focal

Inflammation, Chronic

Interstitial-Cell Tumor

C-Cell Adenoma

Cystic Follicles

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_036

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Intestine Small
Kidney
Lung
Lymph node
Prostate
Testis

Mesentery Nos

Mesenteric Lymph Node

Pheochromocytoma
Necrosis, Fat
Inflammation, Chronic
Alveolar/Bronchiolar Adenoma
Angiectasis
Inflammation, Acute Suppurative
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_037

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Inflammation, Suppurative

Pneumonia, Aspiration

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_038

TRT#: 4

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Liver

Pancreas

Testis

Thyroid

Unspecified

Bile Duct

Islets

Pheochromocytoma

Fibrosis, Focal

Cytoplasmic Vacuolization

Hyperplasia, Nos

Islet-Cell Adenoma

Interstitial-Cell Tumor

Cystic Follicles

Granuloma, Foreign Body

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_039

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Fibrosis, Focal
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Pituitary gland		Adenoma, Nos
Prostate		Inflammation, Acute Suppurative
Spleen		Hemosiderosis
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_040

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye

Cataract

Heart

Retinopathy

Intestine Small

Mesentery Nos

Fibrosis, Focal

Kidney

Necrosis, Fat

Liver

Inflammation, Chronic

Prostate

Cytologic Alteration, Nos

Testis

Cytoplasmic Vacuolization

Inflammation, Acute Suppurative

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_041

TRT#: 4

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Mammary gland

Pancreas

Testis

Thyroid

Bile Duct

Pheochromocytoma

Fibrosis, Focal

Inflammation, Chronic

Hyperplasia, Nos

Cystic Ducts

Atrophy, Focal

Interstitial-Cell Tumor

C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_042

TRT#: 4

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart		Fibrosis, Focal
Kidney		Inflammation, Chronic
Liver		Cytologic Alteration, Nos
	Bile Duct	Hyperplasia, Nos
Mammary gland		Fibroadenoma
Spleen		Hemosiderosis
Testis		Interstitial-Cell Tumor
Thyroid		Follicular-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_043

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain		Astrocytoma
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Focal
Mammary gland		Fibroadenoma
Spleen		Hemosiderosis
Testis		Interstitial-Cell Tumor
Unspecified	Pelvis	Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_044

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis, Focal
Intestine Small	Mesentery Nos	Necrosis, Fat
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Focal
Mammary gland		Cystic Ducts
Pituitary gland		Adenoma, Nos
Skin		Adnexal Adenoma
Spleen		Hemosiderosis
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_045

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Eye

Kidney

Liver

Mammary gland

Pituitary gland

Preputial gland

Skin

Spleen

Testis

Bile Duct

Ear

Pheochromocytoma

Retinopathy

Inflammation, Chronic

Hyperplasia, Focal

Adenosis

Cystic Ducts

Adenoma, Nos

Adenocarcinoma, Nos

Cystic Ducts

Squamous Cell Papilloma

Hematopoiesis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_046

TRT#: 4

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart		Fibrosis, Focal
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Focal
Pancreas	Islets	Islet-Cell Adenoma
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_047

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis, Focal
Intestine Small	Mesentery Nos	Necrosis, Fat
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Focal
Spleen		Hemosiderosis
Testis		Interstitial-Cell Tumor
Thyroid		Cystic Follicles

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_048

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Angiectasis

Blood vessel

Medulla

Hyperplasia, Focal

Heart

Descending Thoracic Aorta

Arteriosclerosis, Nos

Fibrosis, Focal

Inflammation, Chronic Focal

Mineralization

Intestine Small

Mesentery Nos

Necrosis, Fat

Kidney

Inflammation, Chronic

Lung

Alveolar/Bronchiolar Adenoma

Penis

Prolapse

Skeletal muscle

Degeneration, Nos

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_049

TRT#: 4

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Nos
Heart		Fibrosis, Focal
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Focal
Lymph node		Hyperplasia, Nos
Preputial gland		Adenocarcinoma, Nos
		Cystic Ducts
		Inflammation, Acute Suppurative
Skin		Basal-Cell Tumor
Spleen		Congestion, Nos
		Hyperplasia, Lymphoid
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50464

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl isothiocyanate

CAS Number: 57-06-7

Date Report Requested: 10/26/2014

Time Report Requested: 13:27:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_050

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis, Focal
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Focal
Mammary gland		Cystic Ducts
Skin	Nose	Squamous Cell Papilloma
Spleen		Hemosiderosis
Testis		Interstitial-Cell Tumor
Unspecified	Groin	Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****