

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: 15:06:45

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: Female

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_001

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver		Cytologic Alteration, Nos
	Bile Duct	Hyperplasia, Nos
Mammary gland		Cystic Ducts
Pituitary gland		Angiectasis

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_002

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye

Cataract

Heart

Retinopathy

Liver

Fibrosis, Focal

Mammary gland

Bile Duct

Hyperplasia, Nos

Cystic Ducts

Spleen

Fibroadenoma

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_003

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Peyers Patch

Hyperplasia, Lymphoid

Kidney

Nephrosis, Nos

Thyroid

Cyst, Ultimobranchial

Unspecified

Multiple Organs Nos

Hyperplasia, Epithelial
Lymphoma, Undifferentiated-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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_004

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_005

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye

Cataract

Mammary gland

Retinopathy

Adenocarcinoma, Nos

Cystic Ducts

Hyperplasia, Cystic

Pituitary gland

Adenoma, Nos

Spleen

Hemosiderosis

Unspecified

Back

Fibrosarcoma

Uterus

Endometrial Stromal Polyp

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_006

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis, Focal
		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Nos
Unspecified	Multiple Organs Nos	Leukemia, Undifferentiated
Uterus		Endometrial Stromal Polyp

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_007

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Intestine Small

Mammary gland

Pituitary gland

Spleen

Thyroid

Cortex Nos

Mesentery Nos

Angiectasis

Necrosis, Fat

Cystic Ducts

Adenoma, Nos

Hemosiderosis

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_008

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Intestine Small
Liver
Spleen
Thyroid
Unspecified
Uterus

Mesentery Nos
Bile Duct

Multiple Organs Nos

Endometrium

Cytoplasmic Vacuolization
Necrosis, Fat
Hyperplasia, Nos
Hemosiderosis
C-Cell Adenoma
Leukemia, Undifferentiated
Endometrial Stromal Polyp
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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_009

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver
Mammary gland
Spleen
Uterus

Bile Duct

Endometrium

Hyperplasia, Nos
Cystic Ducts
Hemosiderosis
Endometrial Stromal Polyp
Hyperplasia, 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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_010

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Mammary gland

Spleen

Vagina

Cystic Ducts

Hemosiderosis

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_011

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Clitoral gland

Liver

Pituitary gland

Spleen

Thyroid

Uterus

Bile Duct

Endometrium

Cortical Adenoma

Inflammation, Acute Suppurative

Hyperplasia, Nos

Adenoma, Nos

Hemosiderosis

Inflammation, Chronic

C-Cell Adenoma

Endometrial Stromal Polyp

Hyperplasia, 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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_012

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Mammary gland

Pituitary gland

Unspecified

Mediastinum Nos

Multiple Organs Nos

Alveolar/Bronchiolar Carcinoma

Adenocarcinoma, Nos

Cystic Ducts

Adenoma, Nos

Alveolar/Bronchiolar Carcinoma, Invasive

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_013

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver
Mammary gland

Bile Duct

Hyperplasia, Nos
Cystic Ducts
Fibroadenoma
Atrophy, Focal
Adenoma, Nos
Hemosiderosis

Pancreas
Pituitary gland
Spleen

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_014

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Eye

Cataract

Intestine Small

Mesentery Nos

Retinopathy

Mammary gland

Necrosis, Fat

Uterus

Cystic Ducts

Fibroadenoma

Endometrial Stromal Polyp

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_015

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver
Mammary gland

Bile Duct

Hyperplasia, Nos
Adenosis
Cystic Ducts
Adenoma, Nos

Pituitary gland

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_016

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Intestine Small

Liver

Mammary gland

Mesentery Nos

Bile Duct

Pheochromocytoma

Necrosis, Fat

Hyperplasia, Nos

Adenosis

Cystic Ducts

Fibroadenoma

Preputial gland

Spleen

Thyroid

Cystic Ducts

Hemosiderosis

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_017

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart

Intestine Small

Liver

Mammary gland

Spleen

Mesentery Nos

Bile Duct

Fibrosis, Focal

Necrosis, Fat

Hyperplasia, Nos

Cystic Ducts

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_018

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Liver

Mammary gland

Pituitary gland

Spleen

Uterus

Mesentery Nos

Bile Duct

Necrosis, Fat

Hyperplasia, Nos

Adenosis

Cystic Ducts

Adenoma, Nos

Hemosiderosis

Endometrial Stromal Polyp

Leiomyoma

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_019

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver
Preputial gland

Bile Duct

Hyperplasia, Nos
Cystic Ducts
Hyperplasia, Nos
Inflammation, Acute Suppurative
Hemosiderosis
Angiectasis

Spleen
Uterus

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_020

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Colon

Parasitism

Lung

Alveolar/Bronchiolar Adenoma

Mammary gland

Fibroadenoma

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_021

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye

Cataract

Heart

Retinopathy

Liver

Fibrosis, Focal

Lung

Bile Duct

Hyperplasia, Focal

Mammary gland

Carcinosarcoma

Pituitary gland

Cyst, Epidermal Inclusion

Spleen

Cystic Ducts

Uterus

Adenoma, Nos

Hemosiderosis

Endometrial Stromal Polyp

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_022

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye

Cataract

Mammary gland

Retinopathy

Spleen

Cystic Ducts

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_023

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Small

Mesentery Nos

Necrosis, Fat

Skin

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_024

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Eye

Intestine Small

Liver

Mammary gland

Ovary

Spleen

Mesentery Nos

Bile Duct

Cortical Adenoma

Cataract

Retinopathy

Necrosis, Fat

Hyperplasia, Nos

Adenosis

Cystic Ducts

Fibroadenoma

Cyst, Nos

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_025

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Eye

Cataract

Pancreas

Retinopathy

Unspecified

Multiple Organs Nos

Atrophy, 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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_026

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Pancreas

Inflammation, Chronic

Thyroid

Hyperplasia, C Cell

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_027

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye

Cataract

Heart

Retinopathy

Mammary gland

Fibrosis, Focal

Spleen

Cystic Ducts

Thyroid

Hemosiderosis

Uterus

C-Cell Carcinoma

Hematometra

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_028

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Eye

Liver

Mammary gland

Unspecified

Bile Duct

Multiple Organs Nos

Retinopathy

Hyperplasia, Nos

Cystic Ducts

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_029

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Intestine Small

Liver

Mammary gland

Spleen

Mesentery Nos

Bile Duct

Pheochromocytoma

Necrosis, Fat

Hyperplasia, Nos

Cystic Ducts

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_030

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver
Lung
Mammary gland

Bile Duct

Hyperplasia, Nos
Alveolar/Bronchiolar Carcinoma
Adenosis
Cystic Ducts
Fibroadenoma
Adenoma, Nos
Hemosiderosis

Pituitary gland
Spleen

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_031

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Mammary gland

Pancreas

Unspecified

Cystic Ducts

Adenoma, Nos

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_032

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Eye

Mammary gland

Unspecified

Uterus

Multiple Organs Nos

Endometrium

Retinopathy

Cystic Ducts

Leukemia, Undifferentiated

Endometrial Stromal Polyp

Hyperplasia, 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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_033

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver	Neoplastic Nodule
Mammary gland	Cystic Ducts
Spleen	Hemosiderosis
Thyroid	C-Cell Adenoma
Uterus	Endometrial Stromal Polyp

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_034

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Intestine Small

Liver

Mammary gland

Pituitary gland

Mesentery Nos

Bile Duct

Pheochromocytoma

Fibrosis, Focal

Necrosis, Fat

Hyperplasia, Nos

Cystic Ducts

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_035

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain

Thalamus

Glioma, Nos

Ventricle

Hydrocephalus, 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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_036

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver
Mammary gland
Pituitary gland
Unspecified

Bile Duct

Multiple Organs Nos

Hyperplasia, Nos
Cystic Ducts
Adenoma, 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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_037

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Mammary gland

Uterus

Fibroadenoma

Endometrial Stromal Polyp

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_038

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Intestine Small
Mammary gland

Cortex Nos
Mesentery Nos

Cytoplasmic Vacuolization
Necrosis, Fat
Cystic Ducts
Fibroadenoma
Endometrial Stromal Polyp

Uterus

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_039

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye

Cataract

Liver

Bile Duct

Retinopathy

Mammary gland

Hyperplasia, Nos

Spleen

Cystic Ducts

Thyroid

Hemosiderosis

Uterus

C-Cell Carcinoma

Endometrial Stromal Polyp

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_040

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Mammary gland

Spleen

Urinary bladder

Cytoplasmic Vacuolization

Fibrosis, Focal

Cystic Ducts

Hemosiderosis

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_041

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Heart

Fibrosis, Focal

Liver

Bile Duct

Hyperplasia, Nos

Mammary gland

Cystic Ducts

Fibroadenoma

Pituitary gland

Carcinoma, Nos

Spleen

Hemosiderosis

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_042

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Mesentery Nos

Necrosis, Fat

Liver

Cytologic Alteration, Nos

Mammary gland

Cystic Ducts

Spleen

Fibroadenoma

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_043

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Liver

Cytologic Alteration, Nos

Bile Duct

Hyperplasia, Nos

Spleen

Angiectasis

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_044

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver		Hyperplasia, Nos
Mammary gland		Cystic Ducts
Thyroid		C-Cell Carcinoma
Unspecified	Multiple Organs Nos	Leukemia, Nos
Uterus		Endometrial Stromal Polyp

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_045

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver
Mammary gland
Spleen

Bile Duct

Hyperplasia, Nos
Cystic Ducts
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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_046

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver
Mammary gland
Pituitary gland
Unspecified
Uterus

Bile Duct

Multiple Organs Nos

Hyperplasia, Nos
Cystic Ducts
Adenoma, Nos
Leukemia, Undifferentiated
Endometrial Stromal Polyp

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_047

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Mammary gland

Pituitary gland

Spleen

Cystic Ducts

Carcinoma, Nos

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_048

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Mammary gland

Cystic Ducts

Hyperplasia, Cystic

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_049

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Unspecified

Uterus

Fibrosarcoma

Endometrial Stromal Polyp

Hyperplasia, Cystic

Endometrium

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_050

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 025.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Small
Mammary gland

Mesentery Nos

Necrosis, Fat
Cystic Ducts
Hyperplasia, Cystic

Pituitary gland
Thyroid
Unspecified

Multiple Organs Nos

Adenoma, 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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_001

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye		Cataract
		Retinopathy
Liver	Bile Duct	Hyperplasia, Nos
Spleen		Hemosiderosis
Thyroid		C-Cell Adenoma
Uterus	Endometrium	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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_002

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye

Cataract

Heart

Retinopathy

Liver

Bile Duct

Inflammation, Chronic Focal

Mammary gland

Hyperplasia, Nos

Adenosis

Cystic Ducts

Fibroadenoma

Spleen

Hemosiderosis

Thyroid

C-Cell Adenoma

Uterus

Endometrial Stromal Polyp

Hematometra

Endometrium

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_003

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Spleen		Hematopoiesis
Uterus	Endometrium	Edema, Nos
		Endometrial Stromal Polyp
	Endometrium	Inflammation, 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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_004

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Eye

Cataract

Liver

Retinopathy

Pituitary gland

Cytologic Alteration, Nos

Spleen

Angiectasis

Unspecified

Osteosarcoma

Uterus

Endometrium

Osteosarcoma

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_005

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain	Ventricle	Astrocytoma
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Lung		Congestion, Nos
		Hemorrhage

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_006

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Eye

Cataract

Heart

Retinopathy

Liver

Fibrosis, Focal

Spleen

Bile Duct

Hyperplasia, Nos

Uterus

Hemosiderosis

Endometrial Stromal Polyp

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_007

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye		Cataract
		Retinopathy
Liver	Bile Duct	Hyperplasia, Nos
Mammary gland		Cystic Ducts
		Fibroadenoma
Preputial gland		Cystic Ducts
		Hyperplasia, Nos
		Inflammation, Acute Suppurative
Spleen		Hemosiderosis
Thyroid		C-Cell Adenoma
Uterus		Endometrial Stromal Polyp
	Endometrium	Hematometra
	Endometrium	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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_008

TRT#: 2

SEX: Female

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

Mammary gland

Hyperplasia, Nos

Preputial gland

Fibroadenoma

Spleen

Cystic Ducts

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_009

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Eye

Cortex Nos

Cytoplasmic Vacuolization
Cataract

Intestine Small
Mammary gland

Mesentery Nos

Retinopathy
Necrosis, Fat
Cystic Ducts
Fibroadenoma

Pituitary gland
Preputial gland
Spleen
Uterus

Angiectasis
Cystic Ducts
Hemosiderosis
Endometrial Stromal Polyp

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_010

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Eye

Cortex Nos

Cytoplasmic Vacuolization
Cataract
Retinopathy

Heart
Intestine Small
Liver
Preputial gland

Mesentery Nos
Bile Duct

Fibrosis, Focal
Necrosis, Fat
Hyperplasia, Nos
Cystic Ducts
Inflammation, Acute Suppurative
Hemosiderosis
C-Cell Carcinoma

Spleen
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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_011

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Eye

Cataract

Mammary gland

Retinopathy

Cystic Ducts

Spleen

Fibroadenoma

Hemosiderosis

Uterus

Endometrial Stromal Polyp

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_013

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye

Cataract

Mammary gland

Retinopathy

Pituitary gland

Cystic Ducts

Spleen

Carcinoma, Nos

Thyroid

Hemosiderosis

Uterus

C-Cell Carcinoma

Endometrial Stromal Polyp

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_014

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye		Cataract
		Retinopathy
Liver	Bile Duct	Hyperplasia, Nos
Mammary gland		Cystic Ducts
Pituitary gland		Carcinoma, Nos
Spleen		Hemosiderosis
Uterus	Endometrium	Hematometra

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_015

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Accidentally Killed

HISTO:

OBSERVATIONS

Lung

Hemorrhage

Uterus

Endometrial Gland

Proteinosis, Alveolar

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_016

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye

Cataract

Liver

Bile Duct

Retinopathy

Mammary gland

Hyperplasia, Nos

Spleen

Cystic Ducts

Thyroid

Hemosiderosis

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_017

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye		Cataract
Heart		Retinopathy
Intestine Small	Mesentery Nos	Fibrosis, Focal
Liver	Bile Duct	Necrosis, Fat
Mammary gland		Hyperplasia, Nos
Spleen		Cystic Ducts
		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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_018

TRT#: 2

SEX: Female

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

Thyroid

Hemosiderosis

Uterus

C-Cell Adenoma

Endometrial Stromal Polyp

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_019

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Mammary gland

Unspecified

Multiple Organs Nos

Cystic Ducts

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_020

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Mammary gland

Fibroadenoma

Unspecified

Axilla

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_021

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye

Cataract

Mammary gland

Retinopathy

Pancreas

Cystic Ducts

Pituitary gland

Atrophy, Nos

Unspecified

Multiple Organs Nos

Adenoma, 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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_022

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Eye

Cortex Nos

Cytoplasmic Vacuolization
Cataract
Retinopathy

Intestine Small
Liver

Mesentery Nos
Bile Duct

Necrosis, Fat
Hyperplasia, Nos
Necrosis, Zonal

Mammary gland

Adenosis
Cystic Ducts

Spleen
Unspecified

Multiple Organs Nos

Hemosiderosis
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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_023

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye

Cataract

Heart

Retinopathy

Kidney

Fibrosis, Focal

Mammary gland

Inflammation, Chronic

Pituitary gland

Cystic Ducts

Spleen

Carcinoma, Nos

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_024

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Eye

Pancreas

Spleen

Uterus

Cortical Adenoma

Cataract

Retinopathy

Atrophy, Focal

Hemosiderosis

Endometrial Stromal Polyp

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_025

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Small

Liver

Mammary gland

Mesentery Nos

Bile Duct

Necrosis, Fat

Hyperplasia, Nos

Adenosis

Cystic Ducts

Fibroadenoma

Preputial gland

Spleen

Cystic Ducts

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_026

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Mammary gland

Pituitary gland

Unspecified

Multiple Organs Nos

Cystic Ducts

Adenoma, 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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_027

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Eye

Intestine Small

Mammary gland

Skin

Thyroid

Unspecified

Mesentery Nos

Eyelid Nos

Multiple Organs Nos

Retinopathy

Necrosis, Fat

Cystic Ducts

Inflammation, Acute Focal

Inflammation, Chronic Focal

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_028

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Fibrosis, Focal
Intestine Small	Mesentery Nos	Necrosis, Fat
Liver	Bile Duct	Hyperplasia, Nos
Mammary gland		Cystic Ducts
Pituitary gland		Adenoma, Nos
Spleen		Hemosiderosis
Uterus		Endometrial Stromal Polyp

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_029

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye		Cataract
		Retinopathy
Liver	Bile Duct	Hyperplasia, Nos
Mammary gland		Cystic Ducts
Spleen		Hemosiderosis
Uterus	Endometrium	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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_030

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland

Eye

Intestine Small

Liver

Preputial gland

Unspecified

Mesentery Nos

Bile Duct

Axilla

Adenoma, Nos

Cataract

Retinopathy

Necrosis, Fat

Hyperplasia, Nos

Necrosis, Focal

Inflammation, Acute Suppurative

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_031

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Accidentally Killed

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Lung

Glomerulus

Mediastinal Pleura

Embolism, Nos

Embolism, Nos

Hemorrhage

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_032

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Eye

Heart

Intestine Small

Mammary gland

Pancreas

Retina

Myocardium Nos

Mesentery Nos

Cortical Adenoma

Degeneration, Nos

Inflammation, Chronic

Necrosis, Fat

Fibroadenoma

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_033

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Eye

Cataract

Liver

Bile Duct

Retinopathy

Mammary gland

Hyperplasia, Nos

Spleen

Cystic Ducts

Thyroid

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_034

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Eye

Liver

Mammary gland

Pituitary gland

Spleen

Thyroid

Bile Duct

Pheochromocytoma

Cataract

Retinopathy

Hyperplasia, Nos

Cystic Ducts

Adenoma, Nos

Hemosiderosis

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_035

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Thyroid

Atrophy, Cystic

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_036

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye		Cataract
		Retinopathy
Intestine Small	Mesentery Nos	Necrosis, Fat
Kidney		Fibrosis, Focal
Liver	Bile Duct	Hyperplasia, Nos
Mammary gland		Adenosis
		Cystic Ducts
		Fibroadenoma
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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_037

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye

Cataract

Heart

Retinopathy

Mammary gland

Fibrosis, Focal

Adenosis

Cystic Ducts

Pancreas

Fibroadenoma

Pituitary gland

Atrophy, Focal

Adenoma, Nos

Spleen

Hemosiderosis

Thyroid

C-Cell Adenoma

Uterus

Endometrial Stromal Polyp

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_038

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye		Cataract
		Retinopathy
Intestine Small	Mesentery Nos	Necrosis, Fat
Liver		Cytologic Alteration, Nos
	Bile Duct	Hyperplasia, Focal
Mammary gland		Adenosis
		Cystic Ducts
		Fibroadenoma
Pituitary gland		Adenoma, Nos
Spleen		Hemosiderosis
Uterus		Endometrial Stromal Polyp

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_039

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland

Cystic Ducts

Eye

Inflammation, Acute Suppurative

Intestine Small

Mesentery Nos

Cataract

Liver

Bile Duct

Retinopathy

Spleen

Necrosis, Fat

Uterus

Hyperplasia, Focal

Hemosiderosis

Endometrial Stromal Polyp

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_040

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney
Mammary gland
Ovary
Skin

Pigmentation, Nos
Cystic Ducts
Cyst, Follicular Nos
Inflammation, Chronic

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_041

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Eye

Intestine Small
Liver

Mammary gland
Preputial gland

Unspecified

Mesentery Nos

Bile Duct

Multiple Organs Nos

Angiectasis

Cataract

Retinopathy

Necrosis, Fat

Hyperplasia, Nos

Cystic Ducts

Cystic Ducts

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_042

TRT#: 2

SEX: Female

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

Mammary gland

Hyperplasia, Focal

Pancreas

Cystic Ducts

Pituitary gland

Atrophy, Focal

Spleen

Adenoma, Nos

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_043

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye

Cataract

Heart

Retinopathy

Liver

Bile Duct

Fibrosis, Focal

Mammary gland

Hyperplasia, Focal

Pituitary gland

Adenosis

Skin

Cystic Ducts

Unspecified

Multiple Organs Nos

Adenoma, Nos

Inflammation, Acute/Chronic

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_044

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Intestine Small

Mesentery Nos

Necrosis, Fat

Mammary gland

Cystic Ducts

Pituitary 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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_045

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Blood vessel
Eye

Cortex Nos
Mesenteric Artery Nos

Cytoplasmic Vacuolization
Hemorrhage
Cataract

Intestine Small
Liver
Mammary gland

Mesentery Nos
Bile Duct

Retinopathy
Periarteritis
Hyperplasia, Nos

Pituitary gland
Spleen
Thyroid

Adenosis
Cystic Ducts
Fibroadenoma
Adenoma, Nos
Hemosiderosis
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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_046

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Eye

Intestine Small

Mammary gland

Pituitary gland

Spleen

Mesentery Nos

Mesentery Nos

Mesentery Nos

Pheochromocytoma

Cataract

Retinopathy

Fibrosis, Focal

Mineralization

Necrosis, Fat

Adenosis

Cystic Ducts

Fibroadenoma

Angiectasis

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_047

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye

Cataract

Spleen

Retinopathy

Uterus

Hemosiderosis

Endometrial Stromal Polyp

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_048

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye

Intestine Small

Mammary gland

Spleen

Thyroid

Uterus

Mesentery Nos

Retinopathy

Necrosis, Fat

Cystic Ducts

Hemosiderosis

Cystic Follicles

Endometrial Stromal Polyp

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_049

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Mammary gland

Fibroadenoma

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_050

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 012.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Eye

Cataract

Unspecified

Multiple Organs Nos

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_001

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Mammary gland

Fibroadenoma

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_003

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Mammary gland

Unspecified

Multiple Organs Nos

Pigmentation, Nos

Cystic Ducts

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_004

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Mammary gland

Cystic Ducts

Fibroadenoma

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_005

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Thyroid

Cyst, Follicular 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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_006

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Mammary gland

Cystic Ducts

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_007

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Mesentery Nos

Necrosis, Fat

Mammary gland

Cystic Ducts

Pituitary 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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_008

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Uterus

Cervix Uteri

Sarcoma, Nos

Vagina

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_010

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_011

TRT#: 3

DOSE: 0

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Mammary gland

Pigmentation, Nos

Cystic Ducts

Hyperplasia, 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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_014

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Pituitary gland

Thyroid

Adenoma, Nos

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_016

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Liver		Cytoplasmic Vacuolization
Urinary bladder		Endometrial Stromal Sarcoma, Metastatic
Uterus		Endometrial Stromal Sarcoma

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_017

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Mammary gland

Ovary

Cystic Ducts

Cyst, 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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_018

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Mammary gland

Cystic Ducts

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_019

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Mammary gland

Cystic Ducts

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_020

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Mesentery Nos

Necrosis, Fat

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_021

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Ovary

Cyst, 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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_023

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_025

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Mammary gland

Unspecified

Uterus

Multiple Organs Nos

Leg

Cystic Ducts

Leukemia, Undifferentiated

Sarcoma, Nos

Endometrial Stromal Polyp

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_026

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Mammary gland

Adenosis

Skin

Cystic Ducts

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_027

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Mammary gland

Pituitary gland

Cystic Ducts

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_028

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland

Cyst, 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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_029

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Mammary gland

Pituitary gland

Cystic Ducts

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_030

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Mesentery Nos

Necrosis, Fat

Kidney

Inflammation, Chronic

Spleen

Hemosiderosis

Uterus

Endometrium

Hyperplasia, Cystic

Endometrium

Inflammation, Acute 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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_031

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Mammary gland

Cystic Ducts

Pancreas

Fibroadenoma

Spleen

Atrophy, Focal

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_032

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart

Myocardium Nos

Inflammation, Chronic

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_033

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Lung	Hyperplasia, Alveolar Epithelium
Spleen	Hemosiderosis
Uterus	Endometrial Stromal Polyp

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_034

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Spleen

Uterus

Hemosiderosis

Endometrial Stromal Polyp

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_035

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Mesentery Nos

Necrosis, Fat

Spleen

Hemosiderosis

Uterus

Endometrium

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_036

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Spleen

Uterus

Hemosiderosis

Endometrial Stromal Polyp

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_037

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Mammary gland

Spleen

Cystic Ducts

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_038

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Mesentery Nos

Necrosis, Fat

Liver

Bile Duct

Hyperplasia, Nos

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: 15:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_039

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Liver	Cytologic Alteration, Nos
Pituitary gland	Hemosiderosis
Spleen	Hemosiderosis
Thyroid	C-Cell Adenoma
Uterus	Endometrial Stromal Polyp

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: 15:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_040

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Liver		Cytoplasmic Vacuolization
Mammary gland		Fibroadenoma
Pituitary 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: 15:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_041

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Mammary gland

Pancreas

Spleen

Cystic Ducts

Atrophy, Focal

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: 15:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_042

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Bone
Spleen

Sternum

Cyst, Nos
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: 15:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_043

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver

Bile Duct

Hyperplasia, Nos

Spleen

Hemosiderosis

Uterus

Endometrium

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: 15:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_044

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Intestine Small

Lymph node

Mammary gland

Spleen

Uterus

Vagina

Mesentery Nos

Mesentery Nos

Pancreatic Lymph Node

Endometrium

Angiectasis

Hemorrhage

Necrosis, Fat

Angiectasis

Cystic Ducts

Hemosiderosis

Endometrial Stromal Polyp

Hyperplasia, Cystic

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: 15:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_045

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver
Pituitary gland
Spleen
Uterus

Bile Duct

Hyperplasia, Nos
Angiectasis
Hemosiderosis
Endometrial Stromal Polyp

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: 15:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_046

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver
Mammary gland
Thyroid
Unspecified
Uterus

Bile Duct

Multiple Organs Nos

Hyperplasia, Nos
Cystic Ducts
C-Cell Adenoma
Leukemia, Undifferentiated
Endometrial Stromal Polyp

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: 15:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_047

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

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: 15:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_048

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Mammary gland

Pituitary gland

Spleen

Thyroid

Uterus

Endometrium

Cystic Ducts

Hemosiderosis

Hemosiderosis

Hyperplasia, C Cell

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: 15:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_049

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver
Spleen

Bile Duct

Hyperplasia, Nos
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: 15:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_050

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Mammary gland

Spleen

Cystic Ducts

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: 15:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_001

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver
Mammary gland
Spleen
Thyroid

Bile Duct

Hyperplasia, Focal
Cystic Ducts
Hemosiderosis
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: 15:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_002

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Mesentery Nos

Necrosis, Fat

Liver

Bile Duct

Hyperplasia, Focal

Mammary gland

Cystic Ducts

Spleen

Hemosiderosis

Uterus

Endometrium

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: 15:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_003

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Liver

Bile Duct

Hyperplasia, Nos

Mammary gland

Adenosis

Cystic Ducts

Fibroadenoma

Pituitary gland

Adenoma, Nos

Spleen

Hemosiderosis

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: 15:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_004

TRT#: 4

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Pituitary gland
Skeletal muscle
Spleen
Thyroid
Tongue

Adenoma, Nos
Lipoma
Hemosiderosis
C-Cell Adenoma
Squamous 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: 15:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_005

TRT#: 4

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart

Lung

Mammary gland

Spleen

Fibrosis, Focal

Cholesterol Deposit

Cystic Ducts

Fibroadenoma

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: 15:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_007

TRT#: 4

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Liver

Mammary gland

Spleen

Thyroid

Uterus

Bile Duct

Cortical Adenoma

Hyperplasia, Focal

Fibroadenoma

Hemosiderosis

C-Cell Adenoma

Endometrial Stromal Polyp

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: 15:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_008

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis, Focal
		Inflammation, Chronic Focal
Pancreas		Atrophy, Focal
		Fibrosis, Focal
Pituitary gland		Hemosiderosis
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: 15:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_009

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Pheochromocytoma

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: 15:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_010

TRT#: 4

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Eye		Cataract
		Retinopathy
Liver	Bile Duct	Hyperplasia, Nos
Mammary gland		Cystic Ducts
Pituitary gland		Adenoma, Nos
Spleen		Hemosiderosis
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: 15:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_011

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Small
Mammary gland
Pituitary gland
Spleen
Uterus

Mesentery Nos

Necrosis, Fat
Cystic Ducts
Adenoma, Nos
Hemosiderosis
Endometrial Stromal Polyp
Hyperplasia, Nos

Endometrium

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: 15:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_012

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis, Focal
Lymph node	Mediastinal Lymph Node	Hemosiderosis
Mammary gland		Cystic Ducts
Uterus		Endometrial Stromal Polyp
	Endometrium	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: 15:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_013

TRT#: 4

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Lung

Mammary gland

Thyroid

Unspecified

Uterus

Multiple Organs Nos

C-Cell Carcinoma, Metastatic

Cystic Ducts

C-Cell Carcinoma

Lymphoma, Lymphocytic-Malignant Type

Endometrial Stromal Polyp

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: 15:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_014

TRT#: 4

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Eye

Cataract

Heart

Retinopathy

Pituitary gland

Fibrosis, Focal

Spleen

Adenoma, Nos

Uterus

Hemosiderosis

Endometrial Stromal Polyp

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: 15:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_015

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Colon

Parasitism

Liver

Bile Duct

Hyperplasia, Nos

Mammary gland

Cystic Ducts

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: 15:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_016

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Small
Mammary gland

Mesentery Nos

Necrosis, Fat
Adenocarcinoma, Nos
Cystic Ducts

Pituitary gland

Adenoma, Nos

Spleen

Hemosiderosis

Uterus

Endometrium

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: 15:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_017

TRT#: 4

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Liver	Bile Duct	Hyperplasia, Focal
Lung		Alveolar/Bronchiolar Carcinoma
Mammary gland		Cystic Ducts
Pituitary gland		Adenoma, Nos
Spleen		Hemosiderosis
Uterus		Endometrial Stromal Polyp

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: 15:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_018

TRT#: 4

DOSE: 0

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Eye

Heart

Mammary gland

Pancreas

Zymbal gland

Islets

Retinopathy

Fibrosis, Focal

Cystic Ducts

Islet-Cell Adenoma

Basal-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: 15:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_020

TRT#: 4

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Mammary gland

Pituitary gland

Unspecified

Multiple Organs Nos

Cystic Ducts

Adenoma, 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: 15:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_021

TRT#: 4

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Mammary gland

Spleen

Cystic Ducts

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: 15:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_022

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Liver

Cytologic Alteration, Nos

Mammary gland

Adenosis

Pituitary gland

Cystic Ducts

Spleen

Adenoma, Nos

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: 15:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_023

TRT#: 4

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart	Fibrosis, Focal
Liver	Cytologic Alteration, Nos
Mammary gland	Cystic Ducts
Pituitary gland	Angiectasis
Spleen	Hemosiderosis
Thyroid	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: 15:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_024

TRT#: 4

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Eye

Liver

Mammary gland

Pituitary gland

Spleen

Thyroid

Retinopathy

Cytologic Alteration, Nos

Adenosis

Cystic Ducts

Fibroadenoma

Adenoma, Nos

Hemosiderosis

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: 15:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_025

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver
Mammary gland

Bile Duct

Hyperplasia, Focal
Adenosis
Cystic Ducts

Pituitary gland

Adenoma, Nos

Spleen

Hemosiderosis

Uterus

Endometrium

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: 15:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_026

TRT#: 4

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Liver

Spleen

Uterus

Bile Duct

Endometrium

Pheochromocytoma, Malignant

Fibrosis, Focal

Hyperplasia, Focal

Hemosiderosis

Endometrial Stromal Polyp

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: 15:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_027

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Intestine Small

Liver

Ovary

Pituitary gland

Unspecified

Mesentery Nos

Bile Duct

Multiple Organs Nos

Cortical Adenoma

Necrosis, Fat

Hyperplasia, Nos

Carcinoma, Nos

Cyst, 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: 15:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_028

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver
Mammary gland
Pancreas
Spleen
Uterus

Bile Duct

Hyperplasia, Nos
Cystic Ducts
Atrophy, Focal
Hemosiderosis
Endometrial Stromal Polyp

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: 15:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_029

TRT#: 4

DOSE: 0

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Liver	Fibrous Histiocytoma, Metastatic
Lung	Fibrous Histiocytoma, Metastatic
Unspecified	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: 15:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_030

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Unspecified

Multiple Organs Nos

Leukemia, Undifferentiated

Uterus

Endometrium

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: 15:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_031

TRT#: 4

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Mammary gland

Ovary

Pituitary gland

Spleen

Cystic Ducts

Cyst, Nos

Adenoma, Nos

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: 15:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_032

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver
Spleen

Bile Duct

Hyperplasia, Focal
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: 15:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_033

TRT#: 4

DOSE: 0

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Brain		Astrocytoma
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Mammary gland		Cystic Ducts
Pituitary gland		Adenoma, Nos
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: 15:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_034

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Pancreas

Unspecified

Multiple Organs Nos

Inflammation, Chronic

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: 15:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_035

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver
Mammary gland
Spleen
Uterus

Bile Duct

Hyperplasia, Focal
Fibroadenoma
Hemosiderosis
Endometrial Stromal Polyp

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: 15:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_036

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver
Pituitary gland
Uterus

Bile Duct

Hyperplasia, Nos
Angiectasis
Endometrial Stromal Polyp
Endometrial Stromal Sarcoma
Hematometra
Hyperplasia, Cystic

Endometrium

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: 15:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_037

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Heart

Fibrosis, Focal

Intestine Small

Mesentery Nos

Necrosis, Fat

Spleen

Hematopoiesis

Thyroid

C-Cell Carcinoma

Uterus

Endometrial Stromal Polyp

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: 15:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_038

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Mammary gland
Salivary gland
Spleen
Thyroid
Uterus

Cortex Nos

Cytoplasmic Vacuolization
Cystic Ducts
Adenoma, Nos
Hemosiderosis
Cystic Follicles
Endometrial Stromal Polyp

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: 15:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_039

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Mammary gland

Spleen

Uterus

Endometrium

Cystic Ducts

Hemosiderosis

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: 15:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_040

TRT#: 4

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart		Fibrosis, Focal
Intestine Small	Mesentery Nos	Necrosis, Fat
Liver	Bile Duct	Hyperplasia, Focal
Mammary gland		Cystic Ducts
Ovary		Cyst, Nos
Spleen		Hemosiderosis
Thyroid		C-Cell Adenoma
Uterus		Adenocarcinoma, 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: 15:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_041

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Intestine Small

Mesentery Nos

Necrosis, Fat

Mammary gland

Cystic Ducts

Pituitary 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: 15:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_042

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Intestine Small

Kidney

Liver

Spleen

Mesentery Nos

Bile Duct

Ganglioneuroma

Necrosis, Fat

Fibrosis, Focal

Hyperplasia, Nos

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: 15:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_043

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Unspecified

Multiple Organs Nos

Cyst, Epidermal Inclusion

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: 15:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_044

TRT#: 4

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Mammary gland

Spleen

Thyroid

Uterus

Endometrium

Cystic Ducts

Fibroadenoma

Hemosiderosis

C-Cell Adenoma

Endometrial Stromal Polyp

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: 15:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_045

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver
Mammary gland
Thyroid
Unspecified

Bile Duct

Hyperplasia, Focal
Cystic Ducts
C-Cell Adenoma
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: 15:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_047

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver
Mammary gland

Bile Duct

Hyperplasia, Focal

Adenosis

Cystic Ducts

Fibroadenoma

Pancreas

Atrophy, Focal

Pituitary gland

Adenoma, Nos

Preputial gland

Cystic Ducts

Hyperplasia, Nos

Spleen

Fibrosis, Focal

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: 15:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_048

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Mammary gland

Cystic Ducts

Fibroadenoma

Ovary

Cyst, Nos

Pituitary 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: 15:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_049

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver
Mammary gland
Pituitary gland
Skin
Spleen

Bile Duct

Pelvis

Hyperplasia, Focal
Cystic Ducts
Adenoma, Nos
Basal-Cell Tumor
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: 15:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_050

TRT#: 4

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart

Spleen

Uterus

Fibrosis, Focal

Hemosiderosis

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

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**** END OF REPORT ****

* PROTOCOL REQUIRED TISSUE