

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:24
First Dose M/F: NA / NA
Lab: NA

C Number: C60253B
Cage Range: All
Date Range: All
Reasons For Removal: All
Removal Date Range: All
Treatment Groups: All
Study Gender: Female

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_011

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Mitral Valve Nos	Inflammation, Proliferative
	Mitral Valve Nos	Thrombosis, Nos
Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos
Ovary		Atrophy, Nos
		Corpus Atreticum
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Fimbria/Fallopian Tube	Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_012

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Hemorrhage

Heart

Atrium

Necrosis, Nos

Intestine Large

Intestinal Tract

Thrombus, Mural

Kidney

Postmortem Change

Liver

Inflammation, Chronic

Angiectasis

Lung

Cirrhosis, Portal

Alveolar Macrophages

Ovary

Alveoli

Inflammation, Chronic

Pancreas

Corpus Luteum

Postmortem Change

Unspecified

Multiple Organs Nos

Amyloidosis

Uterus

Endometrium

Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:24
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_013

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lymph node	Colo-Rectal Lymph Node	Hyperplasia, Nos
Spleen		Hypoplasia, Nos
Stomach	Fundus	Ulcer, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_021

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large

Cecum, Colon
Large Intestine, Colon
Anus Nos
Glomerulus

Kidney
Liver
Lymph node
Ovary

Pancreas
Spleen
Thymus
Unspecified

Multiple Organs Nos

Supernumerary Structure
Congestion, Nos
Inflammation, Nos
Persistent Cloaca
Nephrosis, Nos
Cirrhosis, Portal
Hyperplasia, Nos
Atresia
Corpus Atreticum
Lipoidosis
Hypoplasia, Nos
Involution, Nos
Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_022

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel	Colic Artery	Thrombosis, Nos
Heart	Myocardium Nos	Mineralization
	Left Atrium Nos	Thrombus, Organized
Intestine Large	Large Intestine, Colon	Inflammation, Nos
	Colon	Intussusception
	Gastrointestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
	Bile Duct	Dilatation, Nos
Lymph node	Cervical Lymph Node Nos	Hyperplasia, Nos
	Colo-Rectal Lymph Node	Hypoplasia, Nos
Ovary		Corpus Atreticum
Skin		Inflammation, Chronic
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:24
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_023

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Portal Tract	Amyloidosis
		Cirrhosis, Portal
	Hepatic Lobule	Cytoplasmic Vacuolization
		Hematopoiesis
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Ovary		Corpus Atreticum
Pancreas		Lipoidosis
Vagina		Inflammation, Acute Suppurative
		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:24
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_031

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Kidney	Glomerulus	Amyloidosis
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Spleen		Amyloidosis
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Postmortem Change

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_032

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large
Kidney
Liver

Intestinal Tract
Glomerulus

Postmortem Change
Nephrosis, Nos
Cirrhosis, Portal

Lung
Mammary gland
Pancreas

Centrilobular
Bile Duct
Alveoli

Congestion, Passive
Dilatation, Nos
Histiocytosis

Spleen
Thymus
Unspecified
Vagina

Multiple Organs Nos

Lactation
Lipoidosis
Hypoplasia, Nos
Involution, Nos
Amyloidosis
Hyperplasia, Papillary

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_071

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Amyloidosis

Heart

Myocardium Nos

Metaplasia, Osseous

Kidney

Glomerulus

Amyloidosis

Cortex

Infarct, Nos

Glomerulus

Nephrosis, Nos

Liver

Portal Tract

Amyloidosis

Ovary

Cirrhosis, Portal

Atrophy, Nos

Thymus

Corpus Atreticum

Involution, Nos

Unspecified

Multiple Organs Nos

Lymphoma, Histiocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_072

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Liver

Cortex Nos
Glomerulus
Centrilobular

Amyloidosis
Nephrosis, Nos
Congestion, Passive
Cyst, Multiple

Lung
Lymph node
Mammary gland
Ovary

Alveoli

Histiocytosis
Hyperplasia, Nos
Lactation
Atrophy, Nos
Corpus Atreticum

Pancreas
Spleen

Lipoidosis
Amyloidosis
Hypoplasia, Nos

Thyroid

Amyloidosis
Cyst, Colloid

Uterus
Vagina

Endometrium

Hyperplasia, Cystic
Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:24
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_073

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Lung		Inflammation, Interstitial
Ovary		Hemangioma
Pituitary gland		Degeneration, Hyaline
Spleen		Amyloidosis
Stomach	Fundus	Erosion
Unspecified	Multiple Organs Nos	Postmortem Change

PRIMARY CAUSE OF DEATH

-

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:24
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_081

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis Cortical Adenoma
Heart	Left Atrium Nos	Thrombus, Organized
Liver	Bile Duct	Dilatation, Nos
Lung		Histiocytosis
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Spleen		Hematopoiesis
Thymus		Involution, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:24
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_082

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Congestion, Nos
Gall bladder		Edema, Nos
Intestine Large	Intestinal Tract	Inflammation, Nos
	Colon	Intussusception
Kidney		Glomerulonephritis, Chronic
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Edema, Nos
	Mesenteric Lymph Node	Hyperplasia, Nos
Spleen		Hypoplasia, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_083

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Intestinal Tract	Inflammation, Acute
Kidney	Glomerulus	Nephrosis, Nos
Liver	Centrilobular	Congestion, Passive
	Bile Duct	Inflammation, Nos
Lung	Alveoli	Histiocytosis
Lymph node		Hyperplasia, Nos
Ovary		Atrophy, Nos
		Corpus Atreticum
Pancreas		Lipoidosis
Skin	Circumanal Gland	Inflammation, Focal
Spleen	Red Pulp	Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_111

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Degeneration, Nos

Heart

Cortex Nos

Necrosis, Nos

Intestine Large

Myocardium Nos

Inflammation, Chronic Focal

Kidney

Colon

Inflammation, Chronic

Liver

Bile Duct

Hyperplasia, Nos

Lymph node

Mesenteric Lymph Node

Hyperplasia, Lymphoid

Pancreas

Colo-Rectal Lymph Node

Hyperplasia, Nos

Unspecified

Multiple Organs Nos

Atrophy, Focal

Metamorphosis, Fatty

Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_112

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung	Alveoli	Histiocytosis
Lymph node		Hyperplasia, Nos
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Vagina		Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_113

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
	Cortex Nos	Cyst, Nos
Intestine Large	Cecum, Colon	Inflammation, Chronic
	Intestinal Tract	Inflammation, Nos
	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Centrilobular	Congestion, Passive
	Bile Duct	Dilatation, Nos
Lung	Alveoli	Histiocytosis
Lymph node		Hyperplasia, Nos
Ovary		Atrophy, Nos
		Corpus Atreticum
Pancreas		Lipoidosis
Thymus		Involution, Nos
Uterus	Serosa	Abscess, Nos
	Serosa	Congestion, Nos
	Endometrium	Hyperplasia, Cystic
Vagina		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_121

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large
Kidney

Cortex Nos
Intestinal Tract
Glomerulus

Amyloidosis
Postmortem Change
Amyloidosis

Liver

Glomerulus
Portal Tract

Nephrosis, Nos
Amyloidosis

Lung

Alveoli

Cirrhosis, Portal

Lymph node

Mesenteric Lymph Node

Histiocytosis
Hyperplasia, Nos

Ovary

Atrophy, Nos

Uterus

Serosa

Corpus Atreticum

Vagina

Congestion, Nos

Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:24
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_122

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Spleen
Unspecified

Multiple Organs Nos

Hematopoiesis
Postmortem Change

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_131

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Left Ventricle Nos	Embolus, Valvular Tissue
	Left Atrium Nos	Thrombus, Organized
Intestine Large	Intestinal Tract	Inflammation, Nos
	Anus Nos	Persistent Cloaca
	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung	Alveoli	Inflammation, Acute Diffuse
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:24
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_132

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Esophagus		Hyperkeratosis
Gall bladder		Calculus, Unknown Gross Or Micro
Heart		Endocardiosis
	Left Atrium Nos	Mineralization
	Left Atrium Nos	Thrombus, Organized
Intestine Large	Gastrointestinal Tract	Inflammation, Suppurative
	Gastrointestinal Tract	Postmortem Change
Kidney		Glomerulonephritis, Chronic
		Infarct, Healed
Liver	Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Urinary bladder		Hyperplasia, Polypoid
		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_133

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Anus Nos

Cyst, Epidermal Inclusion

Anus Nos

Persistent Cloaca

Kidney

Glomerulus

Nephrosis, Nos

Lymph node

Hyperplasia, Nos

Ovary

Corpus Atreticum

Pancreas

Lipoidosis

Skin

Circumanal Gland

Inflammation, Acute

Spleen

Hypoplasia, Nos

Thymus

Involution, Nos

Unspecified

Multiple Organs Nos

Amyloidosis

Uterus

Endometrium

Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:24
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_141

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Kidney	Glomerulus	Nephrosis, Nos
Liver	Portal Tract	Amyloidosis
		Cirrhosis, Portal
		Cyst, Nos
Lung		Inflammation, Interstitial
Ovary		Corpus Atreticum
Pancreas	Islets	Islet-Cell Adenoma
		Lipoidosis
Thymus		Involution, Nos
Thyroid		Amyloidosis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_142

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Intestine Large	Large Intestine, Colon	Abscess, Nos
Intestine Small	Ileum	Regeneration, Incomplete
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Portal Tract	Amyloidosis
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos
Ovary		Atrophy, Nos
		Corpus Atreticum
Spleen	Red Pulp	Hypoplasia, Nos
Thymus		Involution, Nos
Uterus	Serosa	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:24
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_143

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large

Gastrointestinal Tract
Gastrointestinal Tract

Inflammation, Suppurative
Postmortem Change

Liver
Lymph node
Pancreas

Periportal

Lymphocytic Inflammatory Infiltrate
Hyperplasia, Nos
Lipoidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:24
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_151

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Bone marrow
Intestine Large

Cortex Nos

Gastrointestinal Tract
Gastrointestinal Tract
Liver
Periportal
Bile Duct

Liver

Lymph node
Spleen

Amyloidosis
Congestion, Nos
Inflammation, Suppurative
Postmortem Change
Amyloidosis
Hyperplasia, Nos
Hyperplasia, Nos
Amyloidosis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:24
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_152

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Kidney		Amyloidosis
Lung	Alveoli	Collapse
Spleen		Amyloidosis
Thymus		Cyst, Nos
Unspecified	Multiple Organs Nos	Postmortem Change
Vagina		Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_153

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel	Colic Artery	Thrombosis, Nos
Intestine Large	Large Intestine, Colon	Inflammation, Nos
	Large Intestine, Colon	Necrosis, Nos
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
	Centrilobular	Congestion, Passive
	Bile Duct	Dilatation, Nos
		Necrosis, Focal
Lung	Alveoli	Inflammation, Acute Focal
Ovary		Cyst, Nos
Pancreas		Dilatation, Ducts
Pituitary gland		Cytoplasmic Vacuolization
Spleen		Hyperplasia, Nos
Stomach	Fundus	Erosion
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_161

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel	Colic Artery	Thrombosis, Nos
Heart	Myocardium Nos	Metaplasia, Osseous
Intestine Large	Cecum, Colon	Inflammation, Acute Suppurative
	Large Intestine, Colon	Inflammation, Nos
	Colon	Intussusception
	Large Intestine, Colon	Necrosis, Nos
	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Ovary		Atrophy, Nos
		Corpus Atreticum
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Vagina		Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_163

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Large Intestine, Colon

Inflammation, Nos

Colon

Intussusception

Intestinal Tract

Postmortem Change

Colon

Thrombosis, Nos

Glomerulus

Nephrosis, Nos

Kidney

Cirrhosis, Portal

Liver

Inflammation, Interstitial

Lung

Hyperplasia, Nos

Lymph node

Corpus Atreticum

Ovary

Cyst, Nos

Pancreas

Lipoidosis

Spleen

Hypoplasia, Nos

Thyroid

Follicle

Atrophy, Nos

Unspecified

Multiple Organs Nos

Amyloidosis

Uterus

Endometrium

Hyperplasia, Cystic

Endometrium

Inflammation, Nos

Vagina

Hyperplasia, Papillary

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_171

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel	Abdominal Aorta	Calcification, Medial
Heart	Myocardium Nos	Calcification, Nos
	Myocardium Nos	Inflammation, Chronic Focal
	Atrium	Thrombus, Mural
Intestine Large	Intestinal Tract	Postmortem Change
Kidney		Inflammation, Chronic
Liver		Cirrhosis, Portal
Lung		Congestion, Nos
		Perivasculitis
Skeletal muscle		Calcification, Nos
		Inflammation, Chronic Focal
Unspecified	Perineum Nos	Acanthosis
	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos
Vagina		Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_172

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large

Anus Nos

Metaplasia, Squamous

Intestinal Tract

Postmortem Change

Kidney

Glomerulus

Nephrosis, Nos

Liver

Cirrhosis, Portal

Lymph node

Hyperplasia, Nos

Ovary

Corpus Atreticum

Pancreas

Lipoidosis

Salivary gland

Submaxillary Gland Nos

Fibrosing Adenosis

Spleen

Hypoplasia, Nos

Stomach

Fundus

Erosion

Thymus

Involution, Nos

Unspecified

Multiple Organs Nos

Amyloidosis

Vagina

Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_173

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Intestinal Tract

Postmortem Change

Kidney

Glomerulus

Nephrosis, Nos

Liver

Cirrhosis, Portal

Lung

Inflammation, Interstitial

Lymph node

Cervical Lymph Node Nos

Hyperplasia, Nos

Ovary

Atrophy, Nos

Pancreas

Corpus Atreticum

Spleen

Lipoidosis

Stomach

Cardiac Stomach

Hypoplasia, Nos

Thymus

Acanthosis

Unspecified

Cardiac Stomach

Hyperkeratosis

Uterus

Multiple Organs Nos

Involution, Nos

Amyloidosis

Papillary Carcinoma

Postmortem Change

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_181

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
	Cortex Nos	Hyperplasia, Focal
Heart	Mitral Valve Nos	Inflammation, Proliferative
		Thrombosis, Nos
	Left Atrium Nos	Thrombus, Organized
Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Portal Tract	Amyloidosis
		Cirrhosis, Portal
Lung	Alveoli	Histiocytosis
Lymph node		Hyperplasia, Nos
Ovary		Atrophy, Nos
		Corpus Atreticum
Pancreas		Lipoidosis
Thymus		Involution, Nos
Uterus	Serosa	Congestion, Nos
Vagina		Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:24
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_182

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Brain	White Matter	Gliosis
Intestine Large	Intestinal Tract	Postmortem Change
Liver	Portal Tract	Amyloidosis
		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Spleen		Hematopoiesis
Stomach	Cardiac Stomach	Hyperkeratosis
Thyroid	Follicle	Atrophy, Nos
		Pseudohyperplasia
Vagina		Inflammation, Acute Vesicular

PRIMARY CAUSE OF DEATH

-

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_183

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large

Cortex Nos
Rectum
Cecum, Colon
Intestinal Tract
Glomerulus

Kidney
Liver
Lung
Lymph node
Pancreas
Stomach
Thymus
Unspecified
Urinary bladder

Cardiac Stomach

Multiple Organs Nos

Congestion, Nos
Hyperplasia, Papillary
Inflammation, Nos
Postmortem Change
Nephrosis, Nos
Cirrhosis, Portal
Histiocytosis
Hyperplasia, Nos
Postmortem Change
Hyperkeratosis
Involution, Nos
Amyloidosis
Hyperplasia, Papillary

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_191

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel
Intestine Large

Kidney
Ovary

Spleen
Stomach

Thymus
Unspecified
Uterus

Colic Artery
Large Intestine, Colon
Large Intestine, Colon
Intestinal Tract
Glomerulus

Multiple Organs Nos
Fimbria/Fallopian Tube

Thrombosis, Nos
Inflammation, Nos
Necrosis, Nos
Postmortem Change
Nephrosis, Nos
Atrophy, Nos
Corpus Atreticum
Hypoplasia, Nos
Acanthosis
Hyperkeratosis
Involution, Nos
Amyloidosis
Cyst, Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_192

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Kidney

Liver

Lung

Spleen

Thymus

Unspecified

Vagina

Intestinal Tract

Glomerulus

Alveoli

Multiple Organs Nos

Postmortem Change

Nephrosis, Nos

Cirrhosis, Portal

Inflammation, Interstitial

Metaplasia, Osseous

Hypoplasia, Nos

Involution, Nos

Amyloidosis

Hyperplasia, Papillary

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_193

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Anus Nos

Persistent Cloaca

Kidney

Glomerulus

Nephrosis, Nos

Liver

Cirrhosis, Portal

Lymph node

Hyperplasia, Nos

Spleen

Hypoplasia, Nos

Thymus

Involution, Nos

Unspecified

Multiple Organs Nos

Amyloidosis

Urinary bladder

Hyperplasia, Papillary

Uterus

Serosa

Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_201

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Amyloidosis

Heart

Left Atrium Nos

Thrombus, Organized

Intestine Large

Intestinal Tract

Postmortem Change

Kidney

Glomerulus

Amyloidosis

Glomerulus

Nephrosis, Nos

Lung

Alveoli

Histiocytosis

Lymph node

Hyperplasia, Nos

Ovary

Corpus Atreticum

Pancreas

Acinus

Cyst, Multiple

Lipoidosis

Thymus

Involution, Nos

Uterus

Serosa

Congestion, Nos

Endometrium

Hyperplasia, Nos

Vagina

Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:24
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_202

TRT#: 1
DOSE: 0

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large
Kidney
Liver
Pancreas
Spleen
Stomach
Thymus
Unspecified

Anus Nos
Glomerulus

Fundus

Multiple Organs Nos

Ulcer, Nos
Nephrosis, Nos
Cirrhosis, Portal
Lipoidosis
Hypoplasia, Nos
Ulcer, Nos
Involution, Nos
Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:24
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_203

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Intestine Small
Lung
Lymph node
Pancreas
Thyroid
Vagina

Cortex Nos
Ileum

Amyloidosis
Postmortem Change
Inflammation, Interstitial
Hyperplasia, Nos
Lipoidosis
Amyloidosis
Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:24
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_211

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Small	Jejunum	Regeneration, Incomplete
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
		Necrosis, Focal
Lymph node		Hyperplasia, Nos
Ovary		Corpus Atreticum
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Urinary bladder		Hyperplasia, Papillary
Uterus	Serosa	Congestion, Nos
Vagina		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_212

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Colon	Intussusception
	Anus Nos	Persistent Cloaca
	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lymph node		Hyperplasia, Nos
Ovary		Corpus Atreticum
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_213

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Large Intestine, Colon

Inflammation, Nos

Colon

Intussusception

Gastrointestinal Tract

Postmortem Change

Glomerulus

Nephrosis, Nos

Kidney

Cirrhosis, Portal

Liver

Lipoidosis

Pancreas

Hypoplasia, Nos

Spleen

Involution, Nos

Thymus

Amyloidosis

Unspecified

Multiple Organs Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_221

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel	Colic Artery	Thrombosis, Nos
Bone marrow		Aplasia, Hematopoietic
Intestine Large	Intestinal Tract	Inflammation, Nos
	Colon	Intussusception
	Large Intestine, Colon	Necrosis, Nos
	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lymph node		Hyperplasia, Nos
Ovary		Atrophy, Nos
		Corpus Atreticum
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_222

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow		Congestion, Nos
Intestine Small	Ileum	Inflammation, Nos
Kidney	Glomerulus	Nephrosis, Nos
Liver	Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Interstitial
Spleen		Hyperplasia, Nos
Thymus		Involution, Nos
Thyroid	Follicle	Atrophy, Focal
Unspecified	Multiple Organs Nos	Amyloidosis
	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_223

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Cecum, Colon

Inflammation, Nos

Liver

Intestinal Tract

Postmortem Change

Lung

Cirrhosis, Portal

Lymph node

Inflammation, Interstitial

Ovary

Hyperplasia, Nos

Skin

Corpus Atreticum

Spleen

Inflammation, Acute Focal

Stomach

Cardiac Stomach

Hypoplasia, Nos

Thymus

Hyperkeratosis

Unspecified

Involution, Nos

Abscess, Nos

Multiple Organs Nos

Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_231

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Esophagus		Ulcer, Nos
Intestine Large	Large Intestine, Colon	Inflammation, Nos
	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Ovary		Granulosa-Cell Tumor
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Stomach	Cardiac Stomach	Hyperkeratosis
Thymus		Involution, Nos
Thyroid		Cyst, Colloid
Unspecified	Multiple Organs Nos	Amyloidosis
Vagina		Inflammation, Acute Vesicular

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_232

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large
Kidney
Liver
Lung
Lymph node
Ovary
Spleen
Stomach
Thymus
Unspecified

Intestinal Tract
Glomerulus

Cervical Lymph Node Nos

Cardiac Stomach

Multiple Organs Nos

Postmortem Change
Nephrosis, Nos
Cirrhosis, Portal
Inflammation, Interstitial
Hyperplasia, Nos
Corpus Atreticum
Hypoplasia, Nos
Hyperkeratosis
Involution, Nos
Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_233

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Heart	Left Ventricle Nos	Thrombosis, Nos
	Left Atrium Nos	Thrombus, Organized
Intestine Large	Anus Nos	Cyst, Epidermal Inclusion
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Centrilobular	Congestion, Passive
		Necrosis, Nos
Lung	Alveoli	Histiocytosis
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Thymus		Involution, Nos
Uterus	Serosa	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:24
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_241

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large
Kidney
Liver
Lymph node
Spleen
Unspecified

Intestinal Tract
Glomerulus
Colo-Rectal Lymph Node
Multiple Organs Nos

Cortical Adenoma
Postmortem Change
Nephrosis, Nos
Cirrhosis, Portal
Hyperplasia, Nos
Hypoplasia, Nos
Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_242

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Atrium	Thrombus, Organized
Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Ovary		Corpus Atreticum
Spleen		Hyperplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_243

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney	Glomerulus	Nephrosis, Nos
Liver		Cyst, Multiple
Mammary gland		Lactation
Ovary		Atrophy, Nos
		Corpus Atreticum
Pancreas		Lipoidosis
Parathyroid gland		Hyperplasia, Nos
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:24
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_251

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large
Kidney
Liver
Lymph node
Pancreas
Spleen
Thymus
Unspecified

Intestinal Tract
Glomerulus

Multiple Organs Nos

Postmortem Change
Nephrosis, Nos
Cirrhosis, Portal
Hyperplasia, Nos
Lipoidosis
Hypoplasia, Nos
Involution, Nos
Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_252

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large
Kidney
Liver

Gastrointestinal Tract
Glomerulus

Postmortem Change
Nephrosis, Nos
Cirrhosis, Portal
Cyst, Nos

Lung
Ovary

Alveoli

Histiocytosis
Atrophy, Nos
Corpus Atreticum

Pancreas
Skin
Spleen
Thymus
Unspecified
Vagina

Circumanal Gland

Lipoidosis
Inflammation, Acute Suppurative
Hypoplasia, Nos
Involution, Nos
Amyloidosis
Hyperplasia, Papillary

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:24
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_253

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large	Cecum, Colon	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung	Alveoli	Inflammation, Acute Focal
Ovary		Atrophy, Nos
		Corpus Atreticum
Pancreas		Lipoidosis
Thymus		Involution, Nos
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_261

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Blood vessel	Abdominal Aorta	Atherosclerosis
Intestine Large	Anus Nos	Hyperkeratosis
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos
Ovary		Atrophy, Nos
		Corpus Atreticum
Pancreas	Islets	Islet-Cell Adenoma
Spleen		Hypoplasia, Nos
Thyroid		Cyst, Colloid
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:24
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_262

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
	Bile Duct	Dilatation, Nos
Lung		Inflammation, Interstitial
Ovary		Corpus Atreticum
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:24
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_263

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large
Lymph node

Intestinal Tract

Postmortem Change
Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_271

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Left Ventricle Nos	Thrombosis, Nos
	Left Atrium Nos	Thrombus, Organized
Intestine Large	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung	Alveoli	Histiocytosis
Lymph node		Hyperplasia, Nos
Ovary		Corpus Atreticum
Pancreas		Lipoidosis
Unspecified		Abscess, Nos
	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos
Vagina		Hyperplasia, Papillary

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_272

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Bone marrow
Intestine Large
Kidney

Cortex Nos

Intestinal Tract
Glomerulus

Liver

Portal Tract

Lymph node

Periportal

Amyloidosis
Congestion, Nos
Inflammation, Nos
Amyloidosis
Glomerulonephritis, Chronic
Amyloidosis
Congestion, Nos
Lymphocytic Inflammatory Infiltrate
Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_273

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Colon

Hemorrhage

Colon

Intussusception

Colon

Necrosis, Focal

Intestinal Tract

Postmortem Change

Kidney

Inflammation, Chronic

Liver

Cirrhosis, Portal

Lung

Congestion, Nos

Unspecified

Multiple Organs Nos

Amyloidosis

Uterus

Serosa

Congestion, Nos

Vagina

Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_281

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Anus Nos	Hyperkeratosis
	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung	Alveoli	Histiocytosis
Lymph node		Hyperplasia, Nos
Mammary gland		Lactation
Ovary		Corpus Atreticum
Pancreas		Lipoidosis
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:24
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_282

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large
Kidney
Liver
Lung
Ovary

Gastrointestinal Tract
Glomerulus

Spleen
Unspecified
Vagina

Multiple Organs Nos

Postmortem Change
Nephrosis, Nos
Cirrhosis, Portal
Inflammation, Interstitial
Atrophy, Nos
Corpus Atreticum
Hypoplasia, Nos
Amyloidosis
Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:24
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_283

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large	Intestinal Tract	Postmortem Change
Kidney		Inflammation, Chronic
Liver		Cirrhosis, Portal
Lung		Edema, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos
	Endometrium	Hyperplasia, Nos
Vagina		Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_311

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Mineralization
Intestine Large	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
		Hyperplasia, Nodular
Lymph node	Cervical Lymph Node Nos	Hyperplasia, Nos
Ovary		Atrophy, Nos
		Corpus Atreticum
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos
	Endometrium	Inflammation, Acute Suppurative
Vagina		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:24
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_312

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large	Gastrointestinal Tract	Inflammation, Chronic
Intestine Small	Mesentery Nos	Inflammation, Chronic Focal
Kidney	Glomerulus	Amyloidosis
Liver		Cirrhosis, Portal
Lung		Edema, Nos
Lymph node	Mesenteric Lymph Node	Inflammation, Chronic
Pancreas	Islets	Amyloidosis
Spleen		Amyloidosis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:24
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_313

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart
Intestine Large

Left Atrium Nos
Gastrointestinal Tract
Gastrointestinal Tract

Kidney
Lymph node
Spleen

Thrombus, Organized
Inflammation, Nos
Postmortem Change
Infarct, Healed
Hyperplasia, Nos
Amyloidosis
Hypoplasia, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:24
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_321

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Liver

Cortex Nos
Portal Tract

Amyloidosis
Amyloidosis
Cirrhosis, Portal
Cyst, Multiple
Hyperplasia, Nos
Corpus Atreticum
Hypoplasia, Nos
Hyperplasia, Cystic

Lymph node
Ovary
Spleen
Uterus

Red Pulp
Endometrium

PRIMARY CAUSE OF DEATH

-

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_322

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Heart	Myocardium Nos	Inflammation, Acute Focal
Intestine Large	Gastrointestinal Tract	Inflammation, Acute Suppurative
	Colon	Intussusception
Kidney	Glomerulus	Amyloidosis
		Glomerulonephritis, Chronic
Liver	Portal Tract	Amyloidosis
		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Pancreas		Metamorphosis, Fatty
Spleen		Amyloidosis
		Hypoplasia, Nos
Unspecified		Granuloma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_323

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Left Ventricle Nos	Thrombus, Organized
Intestine Large	Intestinal Tract	Inflammation, Acute
	Cecum, Colon	Inflammation, Focal
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lymph node	Cervical Lymph Node Nos	Hyperplasia, Nos
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
	Multiple Organs Nos	Hyperplasia, Lymphoid
Urinary bladder		Hyperplasia, Papillary

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_331

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large
Kidney
Liver

Cecum, Colon
Glomerulus

Inflammation, Acute
Nephrosis, Nos
Cirrhosis, Portal
Cyst, Multiple

Lung
Lymph node
Ovary

Alveoli
Cervical Lymph Node Nos

Histiocytosis
Hyperplasia, Nos
Atrophy, Nos
Corpus Atreticum

Pancreas
Spleen
Thymus

Unspecified
Uterus

Multiple Organs Nos
Serosa
Endometrium

Lipoidosis
Hypoplasia, Nos
Involution, Nos
Amyloidosis
Congestion, Nos
Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_332

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart

Myocardium Nos

Mineralization

Intestine Large

Auricular Appendage Nos

Thrombosis, Nos

Gastrointestinal Tract

Inflammation, Nos

Gastrointestinal Tract

Postmortem Change

Kidney

Glomerulus

Nephrosis, Nos

Liver

Cirrhosis, Portal

Lymph node

Hyperplasia, Nos

Spleen

Hypoplasia, Nos

Unspecified

Multiple Organs Nos

Amyloidosis

Granuloma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:24
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_333

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow
Intestine Large

Gastrointestinal Tract
Gastrointestinal Tract

Lung
Lymph node
Skin
Spleen

Congestion, Nos
Inflammation, Suppurative
Postmortem Change
Congestion, Nos
Hyperplasia, Nos
Verruca
Hypoplasia, Lymphoid

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_342

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Calcification, Nos
	Myocardium Nos	Inflammation, Multifocal
Intestine Small	Jejunum	Inflammation, Chronic
	Ileum	Regeneration, Incomplete
Kidney		Inflammation, Chronic
Liver		Angiectasis
		Cirrhosis, Portal
Salivary gland		Abscess, Nos
		Inflammation, Suppurative
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos
	Endometrium	Hyperplasia, Epithelial
Vagina		Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_343

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Heart	Mitral Valve Nos	Inflammation, Proliferative
	Mitral Valve Nos	Thrombosis, Nos
Intestine Large	Cecum, Colon	Inflammation, Acute
	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Centrilobular	Congestion, Passive
Lymph node		Hyperplasia, Nos
Ovary		Atrophy, Nos
		Corpus Atreticum
Pancreas		Fibrosing Adenosis
		Lipoidosis
Thymus		Involution, Nos
Uterus	Endometrium	Hyperplasia, Cystic
Vagina		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_361

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Amyloidosis

Cortex Nos

Atrophy, Nos

Intestine Large

Colon

Inflammation, Chronic

Liver

Cirrhosis, Portal

Portal Tract

Necrosis, Focal

Lung

Congestion, Nos

Edema, Nos

Bronchiole

Lymphocytic Inflammatory Infiltrate

Spleen

Amyloidosis

Vagina

Acanthosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_362

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Rectum

Adenoma, Nos

Colon

Intussusception

Anus Nos

Persistent Cloaca

Glomerulus

Nephrosis, Nos

Kidney

Cirrhosis, Portal

Liver

Inflammation, Interstitial

Lung

Hyperplasia, Nos

Lymph node

Atrophy, Nos

Ovary

Corpus Atreticum

Pancreas

Lipoidosis

Spleen

Hypoplasia, Nos

Stomach

Cardiac Stomach

Acanthosis

Cardiac Stomach

Hyperkeratosis

Thymus

Involution, Nos

Unspecified

Multiple Organs Nos

Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_363

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow		Aplasia, Hematopoietic
Intestine Large	Colon	Intussusception
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
	Bile Duct	Dilatation, Nos
Ovary		Atrophy, Nos
		Corpus Atreticum
Pancreas	Islets	Islet-Cell Adenoma
Spleen		Hypoplasia, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_371

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Small
Kidney
Liver
Lymph node
Thymus
Unspecified
Uterus

Ileum
Glomerulus

Multiple Organs Nos
Serosa
Fimbria/Fallopian Tube

Postmortem Change
Nephrosis, Nos
Cirrhosis, Portal
Hyperplasia, Nos
Involution, Nos
Amyloidosis
Congestion, Nos
Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_372

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Cecum, Colon

Inflammation, Pyogranulomatous

Intestinal Tract

Postmortem Change

Cecum, Colon

Ulcer, Nos

Kidney

Glomerulus

Nephrosis, Nos

Liver

Cirrhosis, Portal

Lung

Inflammation, Interstitial

Lymph node

Hyperplasia, Nos

Pancreas

Lipoidosis

Spleen

Hypoplasia, Nos

Unspecified

Multiple Organs Nos

Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_373

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel	Colic Artery	Thrombosis, Nos
Bone marrow		Aplasia, Hematopoietic
Gall bladder		Calculus, Unknown Gross Or Micro
Heart	Myocardium Nos	Inflammation, Focal
Intestine Large	Large Intestine, Colon	Inflammation, Acute
	Colon	Intussusception
	Large Intestine, Colon	Necrosis, Nos
Kidney	Glomerulus	Nephrosis, Nos
Liver	Hepatic Lobule	Abscess, Nos
		Cirrhosis, Portal
Ovary		Atrophy, Nos
		Corpus Atreticum
Pancreas		Lipoidosis
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Vagina		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_381

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large

Cecum, Colon
Cecum, Colon
Intestinal Tract

Amyloidosis
Congestion, Nos
Edema, Nos
Inflammation, Chronic
Regeneration, Incomplete

Intestine Small
Kidney

Jejunum
Glomerulus

Amyloidosis
Inflammation, Chronic
Inflammation, Chronic
Amyloidosis
Hemosiderosis
Inflammation, Chronic

Lymph node
Spleen

Mesenteric Lymph Node

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_382

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Kidney

Liver

Lymph node

Ovary

Pancreas

Spleen

Thyroid

Unspecified

Uterus

Vagina

Cecum, Colon

Glomerulus

Centrilobular

Multiple Organs Nos

Fimbria/Fallopian Tube

Endometrium

Postmortem Change

Nephrosis, Nos

Cirrhosis, Portal

Congestion, Passive

Hyperplasia, Nos

Corpus Atreticum

Lipoidosis

Hypoplasia, Nos

Cyst, Colloid

Amyloidosis

Cyst, Multiple

Hyperplasia, Cystic

Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_383

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Amyloidosis

Heart

Myocardium Nos

Inflammation, Diffuse

Left Atrium Nos

Thrombosis, Nos

Intestine Large

Intestinal Tract

Inflammation, Suppurative

Gastrointestinal Tract

Postmortem Change

Kidney

Glomerulonephritis, Chronic

Liver

Portal Tract

Amyloidosis

Lymph node

Bile Duct

Hyperplasia, Nos

Spleen

Hyperplasia, Nos

Amyloidosis

Hypoplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_391

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Anus Nos	Hyperkeratosis
	Colon	Intussusception
	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
		Cyst, Nos
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos
Mammary gland		Fibroadenoma
Ovary		Atrophy, Nos
		Corpus Atreticum
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos
	Endometrium	Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_392

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Intestinal Tract

Postmortem Change

Kidney

Glomerulus

Nephrosis, Nos

Liver

Cirrhosis, Portal

Lung

Inflammation, Interstitial

Lymph node

Cervical Lymph Node Nos

Hyperplasia, Nos

Ovary

Atrophy, Nos

Pancreas

Corpus Atreticum

Thymus

Lipoidosis

Unspecified

Multiple Organs Nos

Involution, Nos

Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_393

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung	Alveoli	Histiocytosis
Lymph node	Colo-Rectal Lymph Node	Hyperplasia, Nos
Ovary		Corpus Atreticum
Pituitary gland		Cytoplasmic Vacuolization
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_401

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large

Cortex Nos
Anus Nos
Intestinal Tract

Hyperplasia, Focal
Persistent Cloaca
Postmortem Change

Kidney
Liver
Lung
Ovary

Glomerulus

Nephrosis, Nos
Cirrhosis, Portal

Skin

Circumanal Gland

Histiocytosis
Atrophy, Nos
Corpus Atreticum
Inflammation, Acute
Inflammation, Chronic

Spleen
Thymus

Hypoplasia, Nos
Involution, Nos

Unspecified
Uterus

Multiple Organs Nos
Serosa
Fimbria/Fallopian Tube

Amyloidosis
Congestion, Nos
Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_402

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Anus Nos

Cyst, Epidermal Inclusion

Anus Nos

Persistent Cloaca

Gastrointestinal Tract

Postmortem Change

Glomerulus

Nephrosis, Nos

Kidney

Cirrhosis, Portal

Liver

Postmortem Change

Lung

Hyperplasia, Nos

Lymph node

Corpus Atreticum

Ovary

Lipoidosis

Pancreas

Hypoplasia, Nos

Spleen

Involution, Nos

Thymus

Amyloidosis

Unspecified

Multiple Organs Nos

Hyperplasia, Papillary

Vagina

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_403

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney	Glomerulus	Nephrosis, Nos
Lymph node		Hyperplasia, Nos
Ovary		Atrophy, Nos
		Corpus Atreticum
Spleen		Hemorrhage
		Hypoplasia, Nos
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	Hyperkeratosis
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Endometrium	Adenoma, Nos
	Serosa	Congestion, Nos
	Endometrium	Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:24
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_422

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Acute Focal
Intestine Large	Gastrointestinal Tract	Inflammation, Acute Suppurative
	Gastrointestinal Tract	Postmortem Change
Kidney		Glomerulonephritis, Acute
Liver	Portal Tract	Lymphocytic Inflammatory Infiltrate
Lymph node		Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_423

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Metaplasia, Osseous
Intestine Large	Large Intestine, Colon Colon	Inflammation, Nos Intussusception
	Large Intestine, Colon	Necrosis, Nos
	Gastrointestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node	Cervical Lymph Node Nos	Hyperplasia, Lymphoid
Ovary		Corpus Atreticum
Spleen		Hypoplasia, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_451

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Ventricle	Thrombus, Mural
Intestine Small	Jejunum	Hyperplasia, Focal
	Ileum	Inflammation, Chronic
Kidney	Tubule	Dilatation, Nos
		Inflammation, Chronic Focal
Liver		Pigmentation, Nos
Skeletal muscle		Inflammation, Chronic
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	Hyperkeratosis
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos
Vagina		Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_453

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Heart	Mitral Valve Nos	Inflammation, Proliferative
	Mitral Valve Nos	Thrombosis, Nos
Intestine Large	Cecum, Colon	Abscess, Nos
	Cecum, Colon	Inflammation, Acute Suppurative
	Anus Nos	Persistent Cloaca
	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Portal Tract	Amyloidosis
		Cirrhosis, Portal
Lung	Alveoli	Histiocytosis
Lymph node		Hyperplasia, Nos
Ovary		Corpus Atreticum
		Cyst, Nos
Spleen		Hematopoiesis
Thymus		Involution, Nos
Urinary bladder		Hyperplasia, Papillary
Uterus	Serosa	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_461	TRT#: 1 DOSE: 0	SEX: Female DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Gall bladder		Edema, Nos	
Intestine Small	Jejunum	Inflammation, Suppurative	
Kidney		Glomerulonephritis, Chronic	
		Lymphocytic Inflammatory Infiltrate	
Liver		Cirrhosis, Portal	
	Portal Tract	Lymphocytic Inflammatory Infiltrate	
Lung		Inflammation, Interstitial	
Lymph node		Hyperplasia, Nos	
Salivary gland		Cyst, Nos	
Skin		Scar	
Spleen		Hypoplasia, Nos	
Unspecified	Multiple Organs Nos	Amyloidosis	
<hr/> PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_462

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Blood vessel	Aorta Nos	Calcification, Medial
	Aorta Nos	Thrombosis, Nos
	Thymic Vein	Thrombosis, Nos
Kidney		Inflammation, Chronic
Lung		Alveolar Macrophages
		Edema, Nos
		Inflammation, Chronic
Unspecified	Multiple Organs Nos	Amyloidosis
	Multiple Organs Nos	Postmortem Change

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_463

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
		Cyst, Nos
Lymph node	Cervical Lymph Node Nos	Hyperplasia, Nos
Ovary		Atrophy, Nos
		Corpus Atreticum
Spleen		Hypoplasia, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos
	Fimbria/Fallopian Tube	Cyst, Multiple
Vagina		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_481

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Metaplasia, Osseous
Intestine Small	Ileum	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Ovary		Atrophy, Nos
		Corpus Atreticum
Pancreas		Lipoidosis
Parathyroid gland		Adenoma, Nos
Salivary gland		Cyst, Multilocular
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_482

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Anus Nos

Cyst, Epidermal Inclusion

Anus Nos

Persistent Cloaca

Gastrointestinal Tract

Postmortem Change

Kidney

Glomerulus

Nephrosis, Nos

Lung

Alveoli

Histiocytosis

Lymph node

Mesenteric Lymph Node

Hyperplasia, Nos

Ovary

Atrophy, Nos

Skin

Circumanal Gland

Corpus Atreticum

Spleen

Inflammation, Acute

Thymus

Hypoplasia, Nos

Thyroid

Involution, Nos

Unspecified

Multiple Organs Nos

C-Cell Adenoma

Uterus

Endometrium

Amyloidosis

Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_483

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Large Intestine, Colon

Inflammation, Nos

Intestine Small

Ileum

Inflammation, Acute

Ileum

Postmortem Change

Kidney

Glomerulosclerosis, Nos

Liver

Cirrhosis, Portal

Lymph node

Hyperplasia, Nos

Spleen

Hypoplasia, Nos

Thymus

Involution, Nos

Thyroid

Follicle

Atrophy, Nos

Unspecified

Multiple Organs Nos

Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_492

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Portal Tract	Amyloidosis
		Cirrhosis, Portal
	Bile Duct	Dilatation, Nos
Lung	Alveoli	Histiocytosis
Lymph node	Cervical Lymph Node Nos	Hyperplasia, Nos
Ovary		Corpus Atreticum
Spleen		Hyperplasia, Lymphoid
Thymus		Involution, Nos
Uterus	Serosa	Congestion, Nos
Vagina		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_493

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large

Cortex Nos
Intestinal Tract
Intestinal Tract

Amyloidosis
Inflammation, Acute Suppurative
Postmortem Change
Lipoidosis

Pancreas

PRIMARY CAUSE OF DEATH

-

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_501

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Left Ventricle Nos	Thrombosis, Nos
Intestine Large	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Ovary		Atrophy, Nos
		Corpus Atreticum
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Vagina		Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_502

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel	Colic Artery	Thrombosis, Nos
Intestine Large	Large Intestine, Colon	Inflammation, Nos
	Colon	Intussusception
	Large Intestine, Colon	Necrosis, Nos
	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node	Cervical Lymph Node Nos	Hyperplasia, Nos
Ovary		Atrophy, Nos
		Corpus Atreticum
Spleen		Hypoplasia, Nos
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	Hyperkeratosis
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Endometrium	Inflammation, Acute Suppurative
Vagina		Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_503

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic Focal
	Left Atrium Nos	Thrombosis, Nos
Intestine Large	Large Intestine, Colon	Hyperplasia, Epithelial
	Large Intestine, Colon	Inflammation, Chronic
	Gastrointestinal Tract	Postmortem Change
Kidney		Inflammation, Chronic
Liver		Cirrhosis, Portal
Lung		Hyperplasia, Alveolar Epithelium
	Alveoli	Hypertrophy, Nos
		Necrosis, Hemorrhagic
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Endometrium	Inflammation, Suppurative
Vagina		Hyperplasia, Epithelial
		Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_511

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland		Postmortem Change
Heart	Left Atrium Nos	Thrombus, Mural
Intestine Large	Colon	Inflammation, Chronic Focal
	Intestinal Tract	Postmortem Change
Intestine Small	Duodenum	Regeneration, Incomplete
Kidney		Amyloidosis
		Inflammation, Chronic
Liver		Amyloidosis
		Cirrhosis, Portal
Lung		Alveolar Macrophages
		Inflammation, Chronic
Spleen		Hematopoiesis
Thyroid		Amyloidosis
Unspecified	Perineum Nos	Acanthosis
	Perineum Nos	Hyperkeratosis
Uterus	Endometrium	Hyperplasia, Cystic
Vagina		Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_512

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Edema, Nos
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Unspecified	Multiple Organs Nos	Postmortem Change

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_513

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Intestine Small	Jejunum	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
		Cyst, Multiple
Lung	Alveoli	Histiocytosis
Lymph node		Hyperplasia, Nos
Ovary		Atrophy, Nos
		Corpus Atreticum
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos
	Endometrium	Hyperplasia, Cystic
	Endometrium	Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_521

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Nos
	Cortex Nos	Necrosis, Nos
Intestine Large	Colon	Inflammation, Chronic
	Gastrointestinal Tract	Postmortem Change
Kidney		Amyloidosis
		Inflammation, Chronic
Liver	Portal Tract	Amyloidosis
		Cirrhosis, Portal
Spleen		Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_522

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Gastrointestinal Tract

Inflammation, Acute Suppurative

Colon

Metaplasia, Squamous

Gastrointestinal Tract

Postmortem Change

Glomerulus

Nephrosis, Nos

Kidney

Cirrhosis, Portal

Liver

Hyperplasia, Nos

Lymph node

Scar

Skin

Hypoplasia, Nos

Spleen

Degeneration, Nos

Thyroid

Unspecified

Multiple Organs Nos

Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_523

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombosis, Nos
Intestine Large	Anus Nos	Hyperkeratosis
	Cecum, Colon	Inflammation, Acute Focal
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lymph node		Hyperplasia, Nos
Mammary gland		Lactation
Ovary		Corpus Atreticum
Salivary gland		Inflammation, Acute Suppurative
Skin	Circumanal Gland	Inflammation, Acute
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_541

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Intestinal Tract

Inflammation, Acute

Anus Nos

Persistent Cloaca

Intestine Small

Ileum

Postmortem Change

Kidney

Glomerulus

Nephrosis, Nos

Liver

Cirrhosis, Portal

Lung

Alveoli

Histiocytosis

Lymph node

Hyperplasia, Nos

Pancreas

Lipoidosis

Thymus

Involution, Nos

Unspecified

Multiple Organs Nos

Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_542

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large
Kidney
Liver

Cortex Nos
Intestinal Tract
Glomerulus

Centrilobular
Bile Duct

Lung
Lymph node
Ovary
Pancreas
Thymus
Unspecified
Urinary bladder
Uterus

Multiple Organs Nos

Fimbria/Fallopian Tube
Endometrium

Congestion, Nos
Inflammation, Acute
Nephrosis, Nos
Cirrhosis, Portal
Congestion, Nos
Dilatation, Nos
Histiocytosis
Hyperplasia, Nos
Atresia
Lipoidosis
Involution, Nos
Amyloidosis
Hyperplasia, Papillary
Dilatation, Nos
Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_543

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large

Colon
Intestinal Tract

Hyperplasia, Focal
Postmortem Change

Liver
Lymph node

Cirrhosis, Portal
Hyperplasia, Nos

Unspecified
Urinary bladder

Multiple Organs Nos

Amyloidosis
Hyperplasia, Epithelial

Vagina

Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_551

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel	Abdominal Aorta	Calcification, Medial
Intestine Large	Colon	Intussusception
	Colon	Necrosis, Hemorrhagic
	Intestinal Tract	Postmortem Change
Intestine Small	Intestinal Villus, Ileum	Regeneration, Incomplete
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Unspecified	Perineum Nos	Acanthosis
	Multiple Organs Nos	Amyloidosis
	Perineum Nos	Hyperkeratosis
Uterus	Serosa	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_552

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Liver		Cirrhosis, Portal
Lung		Congestion, Nos
Skin		Cyst, Epidermal Inclusion
Unspecified	Multiple Organs Nos	Amyloidosis
	Multiple Organs Nos	Postmortem Change
Vagina		Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_553

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Esophagus		Ulcer, Acute
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
	Centrilobular	Congestion, Passive
	Bile Duct	Dilatation, Nos
Lung	Alveoli	Inflammation, Acute Diffuse
Lymph node		Hyperplasia, Nos
Mammary gland		Lactation
Ovary		Corpus Atreticum
Pancreas		Lipoidosis
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos
	Endometrium	Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_011

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Blood vessel	Aorta Nos	Thrombosis, Nos
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Ovary		Atrophy, Nos
		Corpus Atreticum
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Endometrium	Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_013

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Bone marrow		Hyperplasia, Hematopoietic
Intestine Large	Anus Nos	Cyst, Epidermal Inclusion
	Anus Nos	Metaplasia, Squamous
Kidney	Glomerulus	Amyloidosis
Thymus		Involution, Nos
Thyroid	Follicle	Atrophy, Nos
Unspecified	Multiple Organs Nos	Postmortem Change

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_021

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Gall bladder		Calculus, Unknown Gross Or Micro Mineralization
Heart		Endocardiosis
Intestine Large	Intestinal Tract	Inflammation, Nos
	Gastrointestinal Tract	Postmortem Change
Kidney		Glomerulonephritis, Chronic
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Spleen	Red Pulp	Hypoplasia, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Urinary bladder		Hyperplasia, Papillary
		Inflammation, Chronic
Uterus	Endometrium	Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_022

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Liver	Centrilobular	Congestion, Passive
	Centrilobular	Necrosis, Focal
Lung	Alveoli	Histiocytosis
Ovary		Atrophy, Nos
		Corpus Atreticum
Pancreas		Lipoidosis
Uterus	Serosa	Congestion, Nos
	Endometrium	Hyperplasia, Nos
	Endometrium	Inflammation, Acute Suppurative
Vagina		Inflammation, Acute Suppurative
		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_023

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Blood vessel	Colic Artery	Thrombosis, Nos
Intestine Large	Intestinal Tract	Inflammation, Nos
	Colon	Intussusception
	Large Intestine, Colon	Necrosis, Nos
	Gastrointestinal Tract	Postmortem Change
Liver		Cirrhosis, Portal
		Cyst, Nos
Lymph node		Hyperplasia, Nos
Ovary		Corpus Atreticum
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos
Vagina		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_031

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Amyloidosis

Heart

Left Atrium Nos

Thrombus, Organized

Kidney

Glomerulus

Amyloidosis

Glomerulus

Nephrosis, Nos

Liver

Necrosis, Focal

Lung

Alveoli

Histiocytosis

Lymph node

Mesenteric Lymph Node

Hyperplasia, Nos

Ovary

Atrophy, Nos

Corpus Atreticum

Pancreas

Lipoidosis

Spleen

Hypoplasia, Lymphoid

Thymus

Involution, Nos

Thyroid

Amyloidosis

Uterus

Endometrium

Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_032

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Blood vessel	Colic Artery	Thrombosis, Nos
Intestine Large	Large Intestine, Colon	Inflammation, Acute
	Colon	Intussusception
	Large Intestine, Colon	Necrosis, Nos
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Ovary		Atrophy, Nos
		Corpus Atreticum
Spleen		Hypoplasia, Nos
Stomach	Fundus	Erosion
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Vagina		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_033

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Large Intestine, Colon	Inflammation, Nos
	Intestinal Tract	Postmortem Change
Kidney		Glomerulosclerosis, Nos
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_041

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large
Intestine Small
Kidney
Liver

Intestinal Tract
Intestinal Villus, Ileum

Postmortem Change
Regeneration, Incomplete
Inflammation, Chronic
Cirrhosis, Portal
Congestion, Nos
Pigmentation, Nos
Congestion, Nos
Hyperplasia, Nos
Acanthosis
Hyperkeratosis
Amyloidosis
Hyperplasia, Epithelial
Congestion, Nos
Hyperplasia, Nos

Lung
Lymph node
Stomach

Unspecified

Multiple Organs Nos
Perineum Nos
Serosa

Uterus
Vagina

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_042

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
		Necrosis, Central
Lung	Alveoli	Histiocytosis
Ovary		Atrophy, Nos
		Corpus Atreticum
Pancreas		Lipoidosis
Stomach	Cardiac Stomach	Hyperkeratosis
Thymus		Involution, Nos
Thyroid		Cyst, Colloid
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_043

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Blood vessel	Abdominal Aorta	Atherosclerosis
	Ascending Aorta	Atherosclerosis
Heart		Metaplasia, Osseous
	Left Atrium Nos	Thrombus, Organized
Intestine Large	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
		Necrosis, Focal
		Thrombosis, Nos
Lung	Alveoli	Histiocytosis
Lymph node	Cervical Lymph Node Nos	Hyperplasia, Nos
Ovary		Atrophy, Nos
		Corpus Atreticum
Spleen		Hypoplasia, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Endometrium	Hyperplasia, Nos
	Endometrium	Inflammation, Acute Suppurative
Vagina		Inflammation, Acute Suppurative
		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_051

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cyst, Nos

Blood vessel

Abdominal Aorta

Atherosclerosis

Kidney

Glomerulus

Nephrosis, Nos

Liver

Cirrhosis, Portal

Bile Duct

Dilatation, Nos

Pancreas

Lipoidosis

Spleen

Hypoplasia, Nos

Thymus

Involution, Nos

Unspecified

Multiple Organs Nos

Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_052

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Intestinal Tract	Inflammation, Acute
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Portal Tract	Amyloidosis
		Cirrhosis, Portal
Lung	Alveoli	Congestion, Nos
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Salivary gland		Inflammation, Nos
Thymus		Involution, Nos
Thyroid	Follicle	Atrophy, Nos
Uterus	Serosa	Congestion, Nos
	Endometrium	Hyperplasia, Nos
Vagina		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_053

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Blood vessel	Brachioceph. Artery	Calcification, Medial
Intestine Large	Intestinal Tract	Postmortem Change
Kidney		Inflammation, Chronic
Liver		Cirrhosis, Portal
Lymph node	Mesenteric Lymph Node	Histiocytosis
Spleen		Infarct, Nos
Stomach		Inflammation, Chronic Focal
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_071

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Esophagus		Ulcer, Nos
Heart	Myocardium Nos	Mineralization
Intestine Small	Ileum, Ileum	Inflammation, Proliferative
	Ileum	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos
Ovary		Corpus Atreticum
Pancreas		Lipoidosis
Spleen		Hemangiosarcoma
		Hypoplasia, Nos
Stomach	Cardiac Stomach	Hyperkeratosis
	Cardiac Stomach	Metaplasia, Squamous
Thymus		Involution, Nos
Thyroid	Follicle	Atrophy, Focal
	Parafollicular Cells	Hyperplasia, Nodular
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_072

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Gall bladder		Hyperplasia, Papillary
Intestine Large	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lymph node		Hyperplasia, Nos
Mammary gland		Lactation
Ovary		Corpus Atreticum
Pancreas		Lipoidosis
Pituitary gland		Degeneration, Hyaline
Skin		Inflammation, Nos
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_073

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large

Cortex Nos
Large Intestine, Colon
Cecum, Colon

Amyloidosis
Inflammation, Acute
Postmortem Change
Regeneration, Incomplete

Intestine Small
Lung

Ileum

Inflammation, Interstitial

Lymph node

Colo-Rectal Lymph Node

Hyperplasia, Nos

Pancreas

Lipoidosis

Uterus

Serosa

Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_081

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Blood vessel
Intestine Large

Colic Artery
Large Intestine, Colon
Colon
Large Intestine, Colon
Gastrointestinal Tract
Glomerulus

Kidney
Liver
Lymph node
Ovary

Mesenteric Lymph Node

Spleen
Thymus
Thyroid
Unspecified
Vagina

Multiple Organs Nos

Cortical Adenoma
Thrombosis, Nos
Inflammation, Acute
Intussusception
Necrosis, Nos
Postmortem Change
Nephrosis, Nos
Cirrhosis, Portal
Hyperplasia, Nos
Atrophy, Nos
Corpus Atreticum
Hypoplasia, Nos
Involution, Nos
Cyst, Colloid
Amyloidosis
Inflammation, Acute Suppurative
Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_082

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large	Gastrointestinal Tract	Inflammation, Acute
Kidney	Glomerulus	Amyloidosis
		Glomerulonephritis, Acute
Liver	Portal Tract	Amyloidosis
		Cirrhosis, Portal
	Bile Duct	Dilatation, Nos
Lung		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos
Pancreas		Lipoidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_083

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large
Intestine Small
Kidney
Liver
Lung
Lymph node
Ovary
Pancreas
Skin
Spleen
Thymus
Unspecified
Uterus

Gastrointestinal Tract
Ileum
Glomerulus

Mesenteric Lymph Node

Multiple Organs Nos
Serosa

Postmortem Change
Inflammation, Acute Suppurative
Nephrosis, Nos
Cirrhosis, Portal
Inflammation, Interstitial
Hyperplasia, Nos
Corpus Atreticum
Lipoidosis
Inflammation, Chronic
Hypoplasia, Nos
Involution, Nos
Amyloidosis
Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_091

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic Focal
Intestine Small	Ileum	Inflammation, Chronic
	Intestinal Villus, Ileum	Regeneration, Incomplete
Kidney		Inflammation, Chronic
Liver		Cirrhosis, Portal
Lung		Alveolar Macrophages
		Hemorrhage
Lymph node	Mesenteric Lymph Node	Inflammation, Chronic
Stomach	Mucosa	Hyperplasia, Focal
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Hemorrhage
Vagina		Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_092

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Liver

Medulla
Glomerulus

Hyperplasia, Nos
Nephrosis, Nos
Cirrhosis, Portal
Cyst, Multiple

Bile Duct

Dilatation, Nos
Luteinization

Ovary
Pancreas
Spleen

Dilatation, Ducts
Hypoplasia, Nos

Unspecified
Uterus
Vagina

Multiple Organs Nos
Endometrium

Amyloidosis
Hyperplasia, Diffuse
Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_093

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large	Gastrointestinal Tract	Inflammation, Suppurative
	Gastrointestinal Tract	Postmortem Change
Kidney		Glomerulonephritis, Chronic
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_111

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Heart	Left Atrium Nos	Thrombus, Organized
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Centrilobular	Congestion, Passive
	Centrilobular	Necrosis, Focal
Lung		Inflammation, Interstitial
Lymph node	Cervical Lymph Node Nos	Congestion, Nos
Ovary		Atrophy, Nos
		Corpus Atreticum
Pancreas		Lipoidosis
Spleen		Amyloidosis
		Hypoplasia, Nos
Thymus		Involution, Nos
Vagina		Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_112

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel
Intestine Large

Colic Artery
Anus Nos
Large Intestine, Colon
Colon
Large Intestine, Colon
Anus Nos
Intestinal Tract
Glomerulus

Kidney
Liver
Lymph node
Ovary

Spleen
Unspecified
Uterus

Multiple Organs Nos
Serosa

Thrombosis, Nos
Cyst, Epidermal Inclusion
Inflammation, Acute
Intussusception
Necrosis, Nos
Persistent Cloaca
Postmortem Change
Nephrosis, Nos
Cirrhosis, Portal
Hyperplasia, Nos
Atrophy, Nos
Corpus Atreticum
Hypoplasia, Nos
Amyloidosis
Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_113

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large	Colon	Intussusception
	Anus Nos	Persistent Cloaca
	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Lung		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos
Mammary gland		Lactation
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Endometrium	Inflammation, Acute Suppurative
Vagina		Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_121

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large
Liver

Gastrointestinal Tract
Centrilobular

Postmortem Change
Congestion, Nos
Necrosis, Focal

Lung
Lymph node
Ovary

Alveoli
Mesenteric Lymph Node

Inflammation, Focal
Hyperplasia, Nos
Corpus Atreticum
Cyst, Nos

Pancreas
Thyroid
Vagina

Lipoidosis
Amyloidosis
Hyperplasia, Papillary

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_122

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Anus Nos	Cyst, Epidermal Inclusion
	Anus Nos	Persistent Cloaca
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Portal Tract	Amyloidosis
	Centrilobular	Congestion, Passive
	Centrilobular	Necrosis, Focal
Lung	Alveoli	Inflammation, Acute Focal
Ovary		Atrophy, Nos
		Corpus Atreticum
Pancreas		Lipoidosis
Uterus	Serosa	Congestion, Nos
Vagina		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_123

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Gall bladder		Calculus, Unknown Gross Or Micro
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Small	Ileum	Postmortem Change
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Centrilobular	Congestion, Passive
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Spleen		Amyloidosis
Thymus		Involution, Nos
Uterus	Serosa	Congestion, Nos
	Endometrium	Inflammation, Acute
Vagina		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_131

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Anus Nos	Cyst, Epidermal Inclusion
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Centrilobular	Necrosis, Focal
Lung	Alveoli	Inflammation, Acute Suppurative
Ovary		Atrophy, Nos
		Corpus Atreticum
Pancreas		Lipoidosis
Skin	Circumanal Gland	Inflammation, Acute
Stomach	Cardiac Stomach	Hyperkeratosis
Thymus		Involution, Nos
Uterus	Fimbria/Fallopian Tube	Cyst, Multiple
	Endometrium	Hyperplasia, Nos
Vagina		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_132

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large
Kidney
Ovary

Intestinal Tract
Glomerulus

Postmortem Change
Nephrosis, Nos
Atrophy, Nos
Corpus Atreticum
Hypoplasia, Nos
Involution, Nos
C-Cell Adenoma
Amyloidosis

Spleen
Thymus
Thyroid
Unspecified

Multiple Organs Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_133

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis Congestion, Nos Edema, Nos
Intestine Large	Gastrointestinal Tract Gastrointestinal Tract	Inflammation, Nos Postmortem Change
Kidney	Glomerulus Glomerulus	Amyloidosis Nephrosis, Nos
Liver	Periportal	Lymphocytic Inflammatory Infiltrate
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Spleen	Red Pulp	Amyloidosis Hematopoiesis Hypoplasia, Lymphoid

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_141

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
		Congestion, Passive
		Cyst, Nos
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Ovary		Corpus Atreticum
Spleen		Hypoplasia, Nos
Stomach	Fundus	Erosion
Thymus		Involution, Nos
Thyroid	Follicle	Atrophy, Focal
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_142

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large
Liver
Lung
Lymph node
Ovary

Pancreas
Spleen
Thymus
Thyroid

Cortex Nos
Intestinal Tract
Hepatic Lobule
Alveoli

Amyloidosis
Postmortem Change
Necrosis, Focal
Histiocytosis
Hyperplasia, Nos
Atrophy, Nos
Corpus Atreticum
Lipoidosis
Hypoplasia, Lymphoid
Involution, Nos
Amyloid, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_143

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large	Intestinal Tract	Postmortem Change
Kidney		Inflammation, Chronic
Liver		Cirrhosis, Portal
		Congestion, Nos
Lung		Bronchopneumonia, Chronic
		Necrosis, Focal
Pancreas		Postmortem Change
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_151

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart

Left Ventricle Nos

Thrombosis, Nos

Left Atrium Nos

Thrombus, Organized

Intestine Large

Gastrointestinal Tract

Postmortem Change

Kidney

Glomerulus

Nephrosis, Nos

Liver

Cirrhosis, Portal

Lung

Histiocytosis

Lymph node

Hyperplasia, Nos

Ovary

Atresia

Spleen

Corpus Atreticum

Thymus

Hypoplasia, Nos

Unspecified

Multiple Organs Nos

Involution, Nos

Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_152

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Esophagus		Hyperkeratosis
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Anus Nos	Persistent Cloaca
	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Centrilobular	Congestion, Passive
	Centrilobular	Necrosis, Focal
Lung	Alveoli	Histiocytosis
Ovary		Atrophy, Nos
		Corpus Atreticum
Skin	Circumanal Gland	Inflammation, Nos
Spleen		Hypoplasia, Lymphoid
Stomach	Fundus	Atrophy, Focal
	Cardiac Stomach	Hyperkeratosis
Uterus	Serosa	Congestion, Nos
Vagina		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_153

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Kidney	Glomerulus	Amyloidosis
Liver	Centrilobular	Congestion, Passive
Lung	Alveoli	Histiocytosis
Mammary gland		Lactation
Ovary		Atrophy, Nos
		Corpus Atreticum
Pancreas		Lipoidosis
Spleen		Hemangioma
Thymus		Involution, Nos
Thyroid		Amyloidosis
Uterus	Serosa	Congestion, Nos
Vagina		Metaplasia, Squamous
		Persistent Cloaca

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_161

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Blood vessel
Intestine Large

Abdominal Aorta
Colon
Intestinal Tract

Calcification, Medial
Intussusception
Postmortem Change

Kidney

Glomerulus

Nephrosis, Nos

Liver

Cirrhosis, Portal

Unspecified

Perineum Nos

Acanthosis

Multiple Organs Nos

Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_162

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Left Ventricle Nos	Thrombosis, Nos
	Left Atrium Nos	Thrombus, Organized
Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung	Alveoli	Histiocytosis
Ovary		Atrophy, Nos
		Corpus Atreticum
Spleen		Hypoplasia, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Endometrium	Hyperplasia, Nos
Vagina		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_163

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Cecum, Colon

Postmortem Change

Kidney

Glomerulus

Nephrosis, Nos

Liver

Cirrhosis, Portal

Lung

Alveoli

Histiocytosis

Lymph node

Cervical Lymph Node Nos

Hyperplasia, Nos

Mammary gland

Lactation

Ovary

Corpus Atreticum

Pancreas

Lipoidosis

Spleen

Hypoplasia, Nos

Thymus

Involution, Nos

Unspecified

Multiple Organs Nos

Amyloidosis

Uterus

Serosa

Congestion, Nos

Vagina

Endometrium

Hyperplasia, Nos

Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_171

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Amyloidosis
Intestine Large	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Centrilobular	Congestion, Passive
	Centrilobular	Necrosis, Focal
Lung	Alveoli	Histiocytosis
Ovary		Atrophy, Nos
		Corpus Atreticum
		Cyst, Nos
Pancreas		Lipoidosis
Stomach	Cardiac Stomach	Hyperkeratosis
Thymus		Involution, Nos
Thyroid		Cyst, Colloid
Vagina		Inflammation, Acute Suppurative
		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_172

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Kidney	Glomerulus	Nephrosis, Nos
Liver		Hyperplasia, Nodular
Lung	Alveoli	Histiocytosis
Ovary		Atrophy, Nos
		Corpus Atreticum
Pancreas		Lipoidosis
Parathyroid gland		Cyst, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos
	Endometrium	Hyperplasia, Nos
	Endometrium	Inflammation, Acute Suppurative
Vagina		Inflammation, Acute Suppurative
		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_173

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Intestine Large	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Lung	Alveoli	Histiocytosis
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Thymus		Involution, Nos
Thyroid		C-Cell Adenoma
Uterus	Endometrium	Inflammation, Acute Suppurative
Vagina		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_181

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Intestinal Tract

Postmortem Change

Kidney

Glomerulus

Nephrosis, Nos

Liver

Cirrhosis, Portal

Lung

Inflammation, Interstitial

Lymph node

Cervical Lymph Node Nos

Hyperplasia, Nos

Ovary

Atrophy, Nos

Pituitary gland

Corpus Atreticum

Spleen

Degeneration, Hyaline

Thymus

Hypoplasia, Nos

Unspecified

Involution, Nos

Uterus

Multiple Organs Nos

Amyloidosis

Serosa

Congestion, Nos

Endometrium

Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_182

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Spleen

Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_183

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large
Intestine Small
Liver

Cortex Nos
Large Intestine, Colon
Ileum
Portal Tract

Lymph node
Mammary gland
Ovary

Pancreas
Thymus
Thyroid
Uterus

Serosa

Amyloidosis
Inflammation, Nos
Regeneration, Incomplete
Amyloidosis
Cirrhosis, Portal
Hyperplasia, Nos
Lactation
Atresia
Corpus Atreticum
Lipoidosis
Involution, Nos
Cyst, Colloid
Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_191

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Anus Nos	Hyperkeratosis
	Cecum, Colon	Inflammation, Acute Focal
Intestine Small	Ileum	Postmortem Change
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Portal Tract	Amyloidosis
		Cirrhosis, Portal
Lung	Alveoli	Histiocytosis
Lymph node		Hyperplasia, Nos
Mammary gland		Lactation
Pancreas		Lipoidosis
Stomach	Cardiac Stomach	Hyperkeratosis
	Cardiac Stomach	Metaplasia, Squamous
Thymus		Involution, Nos
Uterus	Serosa	Congestion, Nos
	Endometrium	Hyperplasia, Nos
Vagina		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_192

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Blood vessel	Colic Artery	Thrombosis, Nos
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Large Intestine, Colon	Inflammation, Acute
	Colon	Intussusception
	Large Intestine, Colon	Necrosis, Nos
	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Portal Tract	Amyloidosis
		Cirrhosis, Portal
	Bile Duct	Inflammation, Nos
Lung	Alveoli	Histiocytosis
Lymph node		Hyperplasia, Nos
Ovary		Atrophy, Nos
		Corpus Atreticum
Pancreas		Lipoidosis
Thymus		Involution, Nos
Thyroid	Follicle	Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_201

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Large Intestine, Colon

Inflammation, Nos

Colon

Intussusception

Intestinal Tract

Postmortem Change

Glomerulus

Nephrosis, Nos

Kidney

Cirrhosis, Portal

Liver

Hyperplasia, Nos

Lymph node

Corpus Atreticum

Ovary

Hypoplasia, Nos

Spleen

Involution, Nos

Thymus

Atrophy, Nos

Thyroid

Follicle

Unspecified

Multiple Organs Nos

Amyloidosis

Urinary bladder

Hyperplasia, Papillary

Uterus

Serosa

Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_202

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Heart	Left Atrium Nos	Thrombus, Organized
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Lung	Alveoli	Histiocytosis
Lymph node		Hyperplasia, Nos
Ovary		Corpus Atreticum
Pancreas		Lipoidosis
Spleen		Hypoplasia, Lymphoid
Thymus		Involution, Nos
Thyroid	Follicle	Atrophy, Focal
Vagina		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_203

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel	Brachioceph. Artery	Embolism, Nos
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Ovary		Atrophy, Nos
		Corpus Atreticum
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_211

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney

Liver

Cortex Nos
Left Atrium Nos
Glomerulus
Glomerulus

Amyloidosis
Thrombus, Organized
Amyloidosis
Nephrosis, Nos
Necrosis, Focal

PRIMARY CAUSE OF DEATH

-

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_212

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Small	Ileum	Postmortem Change
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Centrilobular	Congestion, Passive
Lung	Alveoli	Histiocytosis
		Inflammation, Granulomatous
Lymph node		Hyperplasia, Nos
Ovary		Atresia
		Atrophy, Nos
Pancreas		Lipoidosis
Skin		Inflammation, Chronic
Stomach	Cardiac Stomach	Hyperkeratosis
Thymus		Involution, Nos
Urinary bladder		Hyperplasia, Papillary
Uterus	Serosa	Congestion, Nos
	Endometrium	Hyperplasia, Nos
	Endometrium	Inflammation, Acute Suppurative
Vagina		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_213

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Auricular Appendage Nos
Kidney	
Liver	
Lung	
Stomach	
Unspecified	Multiple Organs Nos

Thrombosis, Nos
Inflammation, Chronic
Cirrhosis, Portal
Congestion, Nos
Acanthosis
Inflammation, Focal
Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_221

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Cytoplasmic Vacuolization
Intestine Large	Colon	Inflammation, Nos
	Colon	Intussusception
	Cecum, Colon	Postmortem Change
	Colon	Thrombosis, Nos
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lymph node		Hyperplasia, Nos
Ovary		Cyst, Nos
Spleen		Hypoplasia, Nos
Stomach	Cardiac Stomach	Hyperkeratosis
Thymus		Involution, Nos
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Endometrium	Hyperplasia, Cystic
Vagina		Inflammation, Acute Suppurative
		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_222

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large	Large Intestine, Colon	Inflammation, Nos
	Colon	Intussusception
	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Salivary gland		Abscess, Nos
		Inflammation, Acute Suppurative
Stomach	Cardiac Stomach	Hyperkeratosis
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_223

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large
Kidney
Liver
Lung
Spleen
Unspecified

Colon
Glomerulus

Multiple Organs Nos
Multiple Organs Nos

Intussusception
Nephrosis, Nos
Cirrhosis, Portal
Inflammation, Interstitial
Hypoplasia, Nos
Amyloidosis
Postmortem Change

PRIMARY CAUSE OF DEATH

-

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_231

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Kidney	Glomerulus	Amyloidosis Glomerulonephritis, Subacute
Liver	Portal Tract	Cirrhosis, Portal Lymphocytic Inflammatory Infiltrate
Lymph node		Hyperplasia, Nos
Salivary gland		Abscess, Nos
Spleen		Hypoplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_232

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Amyloidosis

Heart

Left Atrium Nos

Cortical Adenoma

Intestine Large

Intestinal Tract

Thrombus, Organized

Kidney

Glomerulus

Postmortem Change

Lung

Glomerulus

Amyloidosis

Lymph node

Alveoli

Nephrosis, Nos

Mammary gland

Mesenteric Lymph Node

Histiocytosis

Ovary

Hyperplasia, Nos

Thymus

Lactation

Thyroid

Atrophy, Nos

Uterus

Serosa

Corpus Atreticum

Endometrium

Involution, Nos

Amyloidosis

Congestion, Nos

Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_241

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Small
Liver

Stomach

Cortex Nos
Myocardium Nos
Ileum
Portal Tract

Cardiac Stomach

Amyloidosis
Mineralization
Regeneration, Incomplete
Amyloidosis
Cirrhosis, Portal
Papilloma, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_242

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Kidney

Liver

Lung

Lymph node

Unspecified

Uterus

Vagina

Intestinal Tract

Multiple Organs Nos

Endometrium

Postmortem Change

Inflammation, Chronic

Cirrhosis, Portal

Congestion, Nos

Alveolar Macrophages

Hyperplasia, Adenomatous

Metaplasia, Osseous

Hyperplasia, Lymphoid

Amyloidosis

Inflammation, Suppurative

Acanthosis

Hyperkeratosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_243

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Esophagus		Ulcer, Nos
Heart	Left Atrium Nos	Thrombus, Organized
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
	Centrilobular	Congestion, Passive
Lung	Alveoli	Histiocytosis
Ovary		Atrophy, Nos
		Corpus Atreticum
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos
	Endometrium	Hyperplasia, Nos
Vagina		Inflammation, Acute Suppurative
		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_252

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel	Colic Artery	Thrombosis, Nos
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Large Intestine, Colon	Inflammation, Acute
	Colon	Intussusception
	Large Intestine, Colon	Necrosis, Nos
	Gastrointestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung	Alveoli	Histiocytosis
Ovary		Atrophy, Nos
		Corpus Atreticum
Parathyroid gland		Hyperplasia, Nos
Spleen		Hypoplasia, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Endometrium	Hyperplasia, Nos
Vagina		Inflammation, Acute Suppurative
		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_261

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Anus Nos

Metaplasia, Squamous

Intestinal Tract

Postmortem Change

Kidney

Glomerulus

Nephrosis, Nos

Liver

Cirrhosis, Portal

Lung

Histiocytosis

Lymph node

Colo-Rectal Lymph Node

Hyperplasia, Nos

Ovary

Atresia

Pancreas

Corpus Atreticum

Spleen

Lipoidosis

Thymus

Hypoplasia, Nos

Unspecified

Multiple Organs Nos

Involution, Nos

Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_262

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lymph node		Hyperplasia, Nos
Ovary		Corpus Atreticum
Pancreas	Acinus	Cyst, Nos
Pituitary gland		Cytoplasmic Vacuolization
Spleen		Hypoplasia, Nos
Stomach	Fundus	Erosion
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_263

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large
Kidney

Liver
Lung
Spleen
Thyroid

Cortex Nos
Intestinal Tract
Glomerulus
Glomerulus

Alveoli
Red Pulp

Amyloidosis
Postmortem Change
Amyloidosis
Nephrosis, Nos
Necrosis, Focal
Histiocytosis
Cyst, Hemorrhagic
Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_271

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large

Colon
Colon
Intestinal Tract

Intussusception
Necrosis, Hemorrhagic
Postmortem Change
Inflammation, Chronic
Cirrhosis, Portal
Alveolar Macrophages
Inflammation, Chronic
Luteinization
Amyloidosis
Congestion, Nos
Inflammation, Suppurative

Kidney
Liver
Lung

Ovary
Unspecified
Uterus
Vagina

Multiple Organs Nos
Serosa

PRIMARY CAUSE OF DEATH

-

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_272

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Heart	Left Atrium Nos	Thrombus, Organized
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Lung	Alveoli	Histiocytosis
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos
Ovary		Corpus Atreticum
Pancreas		Lipoidosis
Thymus		Involution, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_273

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung
Spleen

Hemorrhage
Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_281

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain		Gliosis
Heart	Mitral Valve Nos	Inflammation, Proliferative
	Myocardium Nos	Mineralization
	Left Ventricle Nos	Thrombosis, Nos
Intestine Large	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
		Nephrosis, Pyo
Liver		Cirrhosis, Portal
Lung		Inflammation, Calc Granulomatous
		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Urinary bladder		Hypoplasia, Nos
Vagina		Inflammation, Acute
		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_282

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis Pheochromocytoma
Intestine Large	Gastrointestinal Tract	Postmortem Change
Intestine Small	Ileum	Inflammation, Acute Focal
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Lung	Alveoli	Histiocytosis
Lymph node	Colo-Rectal Lymph Node	Hyperplasia, Nos
Ovary		Corpus Atreticum
Pancreas		Lipoidosis
Thymus		Involution, Nos
Vagina		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_283

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large
Intestine Small
Kidney
Liver
Lymph node
Ovary

Colon
Mesentery Nos
Glomerulus

Intussusception
Steatitis
Nephrosis, Nos
Cirrhosis, Portal
Hyperplasia, Nos
Atrophy, Nos
Corpus Atreticum
Inflammation, Chronic
Hyperkeratosis
Involution, Nos
Amyloidosis
Hernia, Nos
Congestion, Nos

Skin
Stomach
Thymus
Unspecified

Cardiac Stomach

Uterus

Multiple Organs Nos
Abdominal Viscera
Serosa

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_291

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
	Cortex Nos	Hyperplasia, Focal
Intestine Large	Anus Nos	Metaplasia, Squamous
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver		Cyst, Nos
		Necrosis, Focal
Lung		Inflammation, Interstitial
Lymph node	Cervical Lymph Node Nos	Hyperplasia, Nos
Ovary		Atrophy, Nos
		Corpus Atreticum
Uterus	Fimbria/Fallopian Tube	Cyst, Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_292

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Centrilobular	Congestion, Passive
	Portal Tract	Lymphocytic Inflammatory Infiltrate
Lung		Inflammation, Interstitial
Lymph node	Cervical Lymph Node Nos	Hyperplasia, Nos
Ovary		Corpus Atreticum
Skin		Inflammation, Chronic
Spleen		Hematopoiesis
Thymus		Involution, Nos
Thyroid		Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_293

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Heart	Left Ventricle Nos	Thrombosis, Nos
	Left Atrium Nos	Thrombus, Organized
Intestine Large	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Centrilobular	Congestion, Passive
	Hepatic Lobule	Cytoplasmic Vacuolization
	Centrilobular	Necrosis, Focal
Lung	Alveoli	Histiocytosis
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos
Ovary		Corpus Atreticum
Pancreas		Lipoidosis
Spleen		Amyloidosis
		Hypoplasia, Nos
Stomach	Cardiac Stomach	Hyperkeratosis
Thymus		Involution, Nos
Thyroid		Cyst, Colloid
Uterus	Serosa	Congestion, Nos
Vagina		Inflammation, Acute Suppurative
		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_311

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Intestinal Tract

Inflammation, Nos

Kidney

Intestinal Tract

Postmortem Change

Liver

Glomerulus

Nephrosis, Nos

Lung

Cirrhosis, Portal

Lymph node

Inflammation, Interstitial

Pancreas

Hyperplasia, Nos

Spleen

Lipoidosis

Thymus

Hypoplasia, Nos

Unspecified

Involution, Nos

Multiple Organs Nos

Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_312

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Blood vessel	Aorta Nos	Thrombosis, Nos
Heart	Left Atrium Nos	Thrombus, Organized
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Portal Tract	Amyloidosis
		Cirrhosis, Portal
	Hepatic Lobule	Necrosis, Focal
Lung		Histiocytosis
Ovary		Atresia
Pancreas		Lipoidosis
Thyroid	Follicle	Atrophy, Focal
Urinary bladder		Hyperplasia, Papillary

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_313

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Amyloidosis

Kidney

Glomerulus

Amyloidosis

Glomerulus

Nephrosis, Nos

Liver

Centrilobular

Congestion, Passive

Cyst, Nos

Lung

Alveoli

Histiocytosis

Ovary

Atrophy, Nos

Corpus Atreticum

Pancreas

Lipoidosis

Parathyroid gland

Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_322

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Amyloidosis

Kidney

Glomerulus

Amyloidosis

Glomerulus

Nephrosis, Nos

Liver

Portal Tract

Amyloidosis

Cirrhosis, Portal

Bile Duct

Dilatation, Nos

Lung

Fibrosarcoma, Metastatic

Mammary gland

Lactation

Ovary

Atrophy, Nos

Spleen

Fibrosarcoma, Metastatic

Thymus

Involution, Nos

Unspecified

Fibrosarcoma

Vagina

Inflammation, Acute Suppurative

Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_323

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow		Congestion, Nos
Intestine Large	Intestinal Tract	Inflammation, Acute Suppurative
	Gastrointestinal Tract	Postmortem Change
Kidney	Glomerulus	Amyloidosis
		Glomerulonephritis, Chronic
Liver	Portal Tract	Amyloidosis
		Cirrhosis, Portal
	Periportal	Lymphocytic Inflammatory Infiltrate
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Thyroid		Hyperplasia, Follicular Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_331

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
	Centrilobular	Congestion, Passive
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Ovary		Atrophy, Nos
		Corpus Atreticum
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Stomach	Cardiac Stomach	Hyperkeratosis
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_332

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
	Cortex Nos	Hyperplasia, Focal
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Cecum, Colon	Postmortem Change
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Centrilobular	Congestion, Passive
Lung	Alveoli	Histiocytosis
Lymph node	Cervical Lymph Node Nos	Hyperplasia, Nos
Ovary		Atrophy, Nos
		Corpus Atreticum
Pancreas		Lipoidosis
Spleen		Amyloidosis
	Red Pulp	Hypoplasia, Nos
Thymus		Involution, Nos
Thyroid	Follicle	Atrophy, Nos
Uterus	Serosa	Congestion, Nos
Vagina		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_333

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow		Metamorphosis, Fatty
Heart	Left Atrium Nos	Thrombus, Organized
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
	Bile Duct	Dilatation, Nos
Lung	Alveoli	Histiocytosis
Lymph node		Hyperplasia, Nos
Ovary		Corpus Atreticum
Pancreas		Lipoidosis
Skin		Verruca
Stomach	Cardiac Stomach	Hyperkeratosis
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos
	Endometrium	Hyperplasia, Nos
Vagina		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_341

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Amyloidosis

Heart

Left Atrium Nos

Thrombus, Organized

Kidney

Glomerulus

Amyloidosis

Glomerulus

Nephrosis, Nos

Liver

Portal Tract

Amyloidosis

Lung

Alveoli

Cirrhosis, Portal

Lymph node

Inflammation, Suppurative

Ovary

Hyperplasia, Nos

Pancreas

Corpus Atreticum

Uterus

Endometrium

Lipoidosis

Endometrium

Hyperplasia, Nos

Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_342

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Anus Nos	Persistent Cloaca
	Gastrointestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node	Colo-Rectal Lymph Node	Hyperplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos
	Endometrium	Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_351

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large
Liver
Spleen

Intestinal Tract

Amyloidosis
Postmortem Change
Amyloidosis
Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_352

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
	Cortex Nos	Hyperplasia, Focal
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Anus Nos	Cyst, Epidermal Inclusion
	Anus Nos	Metaplasia, Squamous
Intestine Small	Ileum	Inflammation, Acute
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Lung	Alveoli	Histiocytosis
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos
Mammary gland		Lactation
Ovary		Atrophy, Nos
		Corpus Atreticum
Pancreas		Lipoidosis
Thymus		Involution, Nos
Thyroid		Amyloidosis
Uterus	Endometrium	Inflammation, Acute Suppurative
Vagina		Inflammation, Acute Suppurative
		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_353

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel	Pulmonary Artery Nos	Thrombosis, Nos
Heart	Atrium	Thrombus, Mural
Intestine Large	Intestinal Tract	Postmortem Change
Kidney		Inflammation, Chronic
Liver		Cirrhosis, Portal
	Centrilobular	Hemorrhage
	Centrilobular	Necrosis, Nos
Lung		Alveolar Macrophages
		Inflammation, Chronic
		Necrosis, Focal
Lymph node	Cervical Lymph Node Nos	Hyperplasia, Nos
Skeletal muscle		Inflammation, Chronic
Stomach		Papilloma, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
	Perineum Nos	Hyperkeratosis
	Perineum Nos	Hyperplasia, Nos
Uterus	Serosa	Congestion, Nos
Vagina		Hyperplasia, Nos
		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_361

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Mitral Valve Nos	Inflammation, Proliferative
	Mitral Valve Nos	Thrombosis, Nos
Intestine Large	Large Intestine, Colon	Inflammation, Nos
	Colon	Intussusception
	Anus Nos	Persistent Cloaca
	Gastrointestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Mammary gland		Lactation
Pancreas		Postmortem Change
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_363

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Colon	Intussusception
	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node	Cervical Lymph Node Nos	Hyperplasia, Nos
Ovary		Corpus Atreticum
Skin		Inflammation, Chronic
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Thyroid	Follicle	Atrophy, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos
	Fimbria/Fallopian Tube	Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_371

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Atrium	Thrombus, Mural
Kidney		Inflammation, Chronic
Liver		Congestion, Nos
	Bile Duct	Hyperplasia, Focal
Lung		Alveolar Macrophages
		Inflammation, Chronic
Unspecified	Multiple Organs Nos	Amyloidosis
	Perineum Nos	Hyperkeratosis
	Perineum Nos	Hyperplasia, Epithelial
Uterus		Inflammation, Acute Suppurative
Vagina		Acanthosis
		Hyperkeratosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_372

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
	Cortex Nos	Hyperplasia, Focal
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Centrilobular	Congestion, Passive
	Centrilobular	Necrosis, Focal
Lung	Alveoli	Inflammation, Acute
Ovary		Atrophy, Nos
		Corpus Atreticum
Thymus		Involution, Nos
Thyroid		Amyloidosis
Uterus	Serosa	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_373

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Thyroid	Follicle	Atrophy, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
	Multiple Organs Nos	Postmortem Change
Uterus	Serosa	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_381

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Colon

Hemorrhage

Colon

Intussusception

Colon

Necrosis, Focal

Intestinal Tract

Postmortem Change

Kidney

Inflammation, Chronic

Liver

Cirrhosis, Portal

Lung

Edema, Nos

Unspecified

Multiple Organs Nos

Amyloidosis

Uterus

Serosa

Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_382

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Intestinal Tract

Inflammation, Nos

Kidney

Glomerulonephritis, Chronic

Liver

Cirrhosis, Portal

Lung

Inflammation, Interstitial

Lymph node

Hyperplasia, Nos

Pancreas

Lipoidosis

Skin

Verruca

Spleen

Hypoplasia, Lymphoid

Unspecified

Multiple Organs Nos

Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_383

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large
Kidney

Intestinal Tract
Tubule
Glomerulus

Liver
Lymph node
Ovary
Skin
Spleen
Stomach
Thymus
Unspecified
Uterus

Cardiac Stomach

Multiple Organs Nos
Serosa

Postmortem Change
Mineralization
Nephrosis, Nos
Cirrhosis, Portal
Hyperplasia, Nos
Corpus Atreticum
Inflammation, Chronic
Hypoplasia, Nos
Hyperkeratosis
Involution, Nos
Amyloidosis
Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_401

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Small

Jejunum

Inflammation, Chronic Focal

Intestinal Villus, Ileum

Regeneration, Incomplete

Kidney

Inflammation, Chronic

Liver

Cirrhosis, Portal

Lymph node

Mesenteric Lymph Node

Edema, Nos

Mesenteric Lymph Node

Hemorrhage

Salivary gland

Atrophy, Focal

Skeletal muscle

Calcification, Nos

Inflammation, Chronic Focal

Stomach

Acanthosis

Unspecified

Multiple Organs Nos

Amyloidosis

Urinary bladder

Hyperplasia, Epithelial

Uterus

Congestion, Nos

Serosa

Cyst, Nos

Endometrium

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_402

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Amyloidosis

Cortex Nos

Hyperplasia, Focal

Intestine Large

Gastrointestinal Tract

Postmortem Change

Kidney

Glomerulus

Amyloidosis

Liver

Glomerulus

Nephrosis, Nos

Portal Tract

Amyloidosis

Ovary

Cirrhosis, Portal

Atrophy, Nos

Thymus

Corpus Atreticum

Involution, Nos

Thyroid

C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_403

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
	Cortex Nos	Hyperplasia, Focal
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Centrilobular	Congestion, Passive
Lung	Alveoli	Histiocytosis
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos
Mammary gland		Lactation
Ovary		Atrophy, Nos
		Corpus Atreticum
Pancreas		Lipoidosis
Skin		Verruca
Thymus		Involution, Nos
Thyroid		Amyloidosis
Uterus	Serosa	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_411

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Heart	Left Atrium Nos	Thrombus, Organized
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Portal Tract	Amyloidosis
		Cirrhosis, Portal
Lung	Alveoli	Histiocytosis
		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Mammary gland		Lactation
Ovary		Corpus Atreticum
Pancreas		Lipoidosis
Spleen		Hypoplasia, Lymphoid
Stomach	Cardiac Stomach	Hyperkeratosis
Thymus		Involution, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_412

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Large
Kidney

Liver

Lung
Ovary

Pancreas

Cortex Nos
Left Atrium Nos
Colon
Glomerulus
Glomerulus
Portal Tract

Centrilobular
Centrilobular
Alveoli

Amyloidosis
Thrombus, Organized
Inflammation, Chronic
Amyloidosis
Nephrosis, Nos
Amyloidosis
Cirrhosis, Portal
Congestion, Passive
Necrosis, Focal
Histiocytosis
Atrophy, Nos
Corpus Atreticum
Dilatation, Ducts

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_421

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Intestinal Tract	Postmortem Change
Liver	Centrilobular	Congestion, Passive
		Cytoplasmic Vacuolization
Lung		Congestion, Nos
	Alveoli	Inflammation, Acute Focal
	Bronchus	Inflammation, Chronic
Ovary		Atrophy, Nos
		Corpus Atreticum
Thymus		Involution, Nos
Thyroid	Follicle	Atrophy, Nos
Uterus	Serosa	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_422

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Large Intestine, Colon	Inflammation, Nos
	Anus Nos	Persistent Cloaca
	Intestinal Tract	Postmortem Change
Intestine Small	Ileum	Inflammation, Acute
Kidney		Glomerulonephritis, Nos
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Vagina		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_423

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel	Colic Artery	Thrombosis, Nos
Heart		Thrombus, Organized
Intestine Large	Rectum	Inflammation, Acute
	Colon	Inflammation, Nos
	Large Intestine, Colon	Necrosis, Nos
	Anus Nos	Persistent Cloaca
Intestine Small	Ileum	Ulcer, Nos
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Portal Tract	Amyloidosis
		Cirrhosis, Portal
Ovary		Cyst, Multiple
		Atrophy, Nos
		Corpus Atreticum
		Luteinization
Pancreas		Lipoidosis
Pituitary gland		Hyperplasia, Nos
Skin	Circumanal Gland	Inflammation, Acute Suppurative
Spleen		Amyloidosis
		Hypoplasia, Nos
Stomach	Fundus	Erosion
Thymus		Involution, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_431

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
	Cortex Nos	Hyperplasia, Focal
Intestine Large	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Centrilobular	Congestion, Passive
Lung	Alveoli	Histiocytosis
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos
Ovary		Atrophy, Nos
		Corpus Atreticum
Pancreas		Lipoidosis
Thyroid		Amyloidosis
		Cyst, Colloid
Uterus	Serosa	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_432

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Auricular Appendage Nos	Thrombus, Mural
Intestine Large	Cecum, Colon	Hyperplasia, Epithelial
	Intestinal Tract	Inflammation, Chronic
Kidney		Inflammation, Chronic
Liver		Cirrhosis, Portal
Lung		Bronchopneumonia, Chronic
Lymph node	Mesenteric Lymph Node	Inflammation, Chronic
Skeletal muscle	Abdominal Muscle	Inflammation, Chronic
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos
Vagina		Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_433

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large
Kidney
Liver
Unspecified
Urinary bladder
Vagina

Intestinal Tract

Multiple Organs Nos

Postmortem Change
Inflammation, Chronic
Cirrhosis, Portal
Amyloidosis
Hyperplasia, Epithelial
Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_441

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland		Hyperplasia, Focal
Intestine Large	Gastrointestinal Tract	Inflammation, Acute Suppurative
Kidney		Glomerulonephritis, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_442

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland		Cortical Adenoma
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Cecum, Colon	Inflammation, Nos
	Rectum	Metaplasia, Squamous
	Anus Nos	Persistent Cloaca
	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung	Alveoli	Histiocytosis
Lymph node		Hyperplasia, Nos
		Lymphoma, Lymphocytic-Malignant Type
Ovary		Atresia
Pancreas		Lipoidosis
Spleen		Hematopoiesis
Unspecified	Multiple Organs Nos	Amyloidosis
Urinary bladder		Hyperplasia, Papillary
Uterus	Endometrium	Hyperplasia, Nos
Vagina		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_443

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Heart

Cortex Nos
Myocardium Nos
Left Atrium Nos

Hyperplasia, Focal
Metaplasia, Osseous
Thrombus, Organized

Intestine Large
Kidney

Intestinal Tract
Glomerulus

Postmortem Change
Nephrosis, Nos

Liver
Ovary

Cirrhosis, Portal
Corpus Atreticum

Spleen
Thyroid

Hypoplasia, Nos
C-Cell Adenoma

Unspecified
Uterus

Multiple Organs Nos
Endometrium

Amyloidosis
Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_451

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Intestine Large	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Centrilobular	Congestion, Passive
		Cyst, Nos
	Centrilobular	Necrosis, Focal
Lung	Alveoli	Congestion, Nos
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos
Ovary		Atrophy, Nos
		Corpus Atreticum
Spleen		Amyloidosis
		Hypoplasia, Nos
Thymus		Involution, Nos
Uterus	Fimbria/Fallopian Tube	Cyst, Nos
	Endometrium	Inflammation, Acute Suppurative
Vagina		Inflammation, Acute Suppurative
		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_453

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large Kidney	Intestinal Tract	Postmortem Change Inflammation, Chronic Mineralization
Liver	Centrilobular	Cirrhosis, Portal Congestion, Nos
Lung		Alveolar Macrophages Congestion, Nos Edema, Nos Inflammation, Chronic
Stomach		Acanthosis Hyperkeratosis
Thyroid Unspecified Vagina	Multiple Organs Nos	Cystic Follicles Amyloidosis Hyperkeratosis Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_471

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung	Alveoli	Inflammation, Acute Suppurative
	Bronchus	Inflammation, Acute Suppurative
Ovary		Atrophy, Nos
		Corpus Atreticum
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Thyroid	Follicle	Atrophy, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos
	Endometrium	Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_472

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow		Aplasia, Hematopoietic
Intestine Large	Colon	Intussusception
Intestine Small	Jejunum	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Spleen		Hypoplasia, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_473

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Anus Nos

Acanthosis

Kidney

Colon

Inflammation, Chronic Focal

Liver

Inflammation, Chronic

Angiectasis

Lymph node

Mesenteric Lymph Node

Cirrhosis, Portal

Unspecified

Multiple Organs Nos

Inflammation, Chronic

Uterus

Serosa

Amyloidosis

Congestion, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_481

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Mineralization
Intestine Large	Mucosa, Rectum	Metaplasia, Squamous
	Intestinal Tract	Postmortem Change
Kidney		Glomerulonephritis, Nos
Liver		Cirrhosis, Portal
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_482

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large
Kidney

Cortex Nos
Intestinal Tract
Glomerulus
Glomerulus
Centrilobular

Liver
Lung
Lymph node
Stomach

Cardiac Stomach
Cardiac Stomach

Thymus
Thyroid

Uterus
Vagina

Endometrium

Amyloidosis
Postmortem Change
Amyloidosis
Nephrosis, Nos
Congestion, Passive
Inflammation, Interstitial
Hyperplasia, Nos
Acanthosis
Hyperkeratosis
Involution, Nos
Cyst, Colloid
Cyst, Multiple
Hyperplasia, Cystic
Metaplasia, Squamous
Persistent Cloaca

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_483

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart
Intestine Large
Kidney
Liver
Lung

Auricular Appendage Nos
Intestinal Tract

Thrombosis, Nos
Postmortem Change
Inflammation, Chronic
Cirrhosis, Portal
Bronchopneumonia, Chronic
Hemorrhage
Necrosis, Focal
Amyloidosis
Congestion, Nos

Unspecified
Uterus

Multiple Organs Nos
Serosa

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_491

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Amyloidosis

Heart

Left Atrium Nos

Thrombus, Organized

Intestine Large

Anus Nos

Metaplasia, Squamous

Cecum, Colon

Postmortem Change

Kidney

Glomerulus

Amyloidosis

Glomerulus

Nephrosis, Nos

Liver

Centrilobular

Sarcoma, Nos, Metastatic

Centrilobular

Congestion, Passive

Lung

Necrosis, Focal

Ovary

Inflammation, Interstitial

Spleen

Corpus Atreticum

Thymus

Amyloidosis

Hypoplasia, Nos

Involution, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_501

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node		Cyst, Hemorrhagic
		Hyperplasia, Nos
	Mesenteric Lymph Node	Lymphoma, Histiocytic-Malignant Type
Ovary		Corpus Atreticum
Skin		Inflammation, Chronic
Spleen		Hypoplasia, Nos
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	Hyperkeratosis
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Endometrium	Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_502

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain		Congestion, Nos
Heart	Atrium	Thrombus, Mural
Intestine Large	Intestinal Tract	Postmortem Change
Kidney		Inflammation, Chronic
Liver		Cirrhosis, Portal
		Congestion, Nos
Lung		Alveolar Macrophages
		Congestion, Nos
		Inflammation, Chronic
Ovary		Atrophy, Nos
Stomach		Acanthosis
		Hyperkeratosis
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos
	Endometrium	Hyperplasia, Cystic
Vagina		Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_503

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow		Congestion, Nos
Intestine Small	Ileum	Inflammation, Nos
Kidney		Glomerulonephritis, Chronic
		Nephrosis, Hydro
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node	Colo-Rectal Lymph Node	Hyperplasia, Nos
Parathyroid gland		Hyperplasia, Nos
Urinary bladder		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_511

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart		Periarteritis
Intestine Large	Intestinal Tract	Postmortem Change
Kidney		Inflammation, Chronic
Liver		Cirrhosis, Portal
Lung		Edema, Nos
Spleen		Congestion, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_512

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
	Cortex Nos	Hyperplasia, Focal
Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver		Amyloidosis
		Cirrhosis, Portal
Lymph node	Renal Lymph Node	Hyperplasia, Nos
Ovary		Atrophy, Nos
		Corpus Atreticum
		Inflammation, Acute Suppurative
Spleen		Hypoplasia, Lymphoid
Thymus		Involution, Nos
Uterus	Endometrium	Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_513

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large
Kidney

Intestinal Tract

Postmortem Change

Liver
Lung
Lymph node
Ovary
Parathyroid gland
Spleen
Unspecified
Uterus

Glomerulus

Infarct, Nos

Nephrosis, Nos

Cirrhosis, Portal

Inflammation, Interstitial

Colo-Rectal Lymph Node

Hyperplasia, Nos

Corpus Atreticum

Hyperplasia, Nos

Hypoplasia, Nos

Multiple Organs Nos

Amyloidosis

Endometrium

Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_521

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Anus Nos

Persistent Cloaca

Intestinal Tract

Postmortem Change

Kidney

Glomerulus

Nephrosis, Nos

Liver

Cirrhosis, Portal

Cyst, Nos

Lung

Alveoli

Histiocytosis

Lymph node

Hyperplasia, Nos

Pancreas

Lipoidosis

Thymus

Involution, Nos

Unspecified

Multiple Organs Nos

Amyloidosis

Uterus

Serosa

Congestion, Nos

Vagina

Inflammation, Acute Suppurative

Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_522

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Accidentally Killed

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Amyloidosis
	Periadrenal Tissue	Inflammation, Chronic
Intestine Large	Cecum, Colon	Inflammation, Chronic Focal
	Intestinal Tract	Postmortem Change
Kidney		Amyloidosis
Liver		Congestion, Nos
Lung		Congestion, Nos
Lymph node	Mesenteric Lymph Node	Inflammation, Chronic
Skeletal muscle		Inflammation, Chronic
Spleen		Amyloidosis
Thyroid	Follicle	Atrophy, Nos
Uterus	Serosa	Congestion, Nos
Vagina		Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_523

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Focal
Intestine Large	Colon	Intussusception
	Gastrointestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lymph node		Hyperplasia, Nos
Ovary		Corpus Atreticum
Skin		Inflammation, Chronic
Spleen		Hypoplasia, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos
Vagina		Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_531

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large
Kidney
Lung

Intestinal Tract

Skin
Spleen
Stomach

Postmortem Change
Inflammation, Chronic
Alveolar Macrophages
Inflammation, Chronic
Inflammation, Focal
Hematopoiesis
Acanthosis
Hyperkeratosis
Inflammation, Focal
Amyloidosis

Unspecified

Multiple Organs Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_532

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Metaplasia, Osseous
	Left Atrium Nos	Thrombus, Organized
Intestine Large	Intestinal Tract	Inflammation, Nos
	Colon	Intussusception
	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
		Necrosis, Focal
Lymph node		Hyperplasia, Nos
Ovary		Atresia
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_533

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Intestine Large	Cecum, Colon	Inflammation, Acute Hemorrhagic
	Gastrointestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
	Centrilobular	Congestion, Passive
		Necrosis, Focal
Lung		Inflammation, Interstitial
Ovary		Atrophy, Nos
		Corpus Atreticum
		Cyst, Nos
Spleen		Hypoplasia, Lymphoid
Thyroid		Cyst, Colloid
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_551

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Intestine Large

Kidney

Liver

Lung

Lymph node

Pancreas

Spleen

Cardiac Valve

Gastrointestinal Tract

Gastrointestinal Tract

Glomerulus

Periportal

Bile Duct

Colo-Rectal Lymph Node

Amyloidosis

Inflammation, Proliferative

Inflammation, Acute Suppurative

Postmortem Change

Congestion, Nos

Glomerulonephritis, Chronic

Perivasculitis

Amyloidosis

Hyperplasia, Nos

Lymphocytic Inflammatory Infiltrate

Inflammation, Interstitial

Hyperplasia, Lymphoid

Lipoidosis

Hematopoiesis

Hypoplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_552

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large
Kidney
Liver

Intestinal Tract
Glomerulus

Postmortem Change
Nephrosis, Nos
Cirrhosis, Portal

Lung
Lymph node
Mammary gland
Ovary

Centrilobular
Alveoli

Congestion, Passive
Histiocytosis
Hyperplasia, Nos
Lactation

Skin
Spleen

Atrophy, Nos
Corpus Atreticum
Inflammation, Chronic
Hypoplasia, Nos

Unspecified
Urinary bladder
Uterus

Multiple Organs Nos

Amyloidosis
Hyperplasia, Papillary
Congestion, Nos

Serosa

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_553

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
	Cortex Nos	Cyst, Nos
Esophagus		Hyperkeratosis
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Bile Duct	Dilatation, Nos
Lung		Inflammation, Interstitial
Ovary		Corpus Atreticum
Spleen		Amyloidosis
		Hyperplasia, Lymphoid
Stomach	Cardiac Stomach	Hyperplasia, Papillary
Thymus		Involution, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_561

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel	Abdominal Aorta	Arteriosclerosis, Nos
Heart	Left Ventricle Nos	Thrombosis, Nos
	Left Atrium Nos	Thrombus, Organized
Intestine Large	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung	Alveoli	Histiocytosis
Ovary		Atrophy, Nos
		Corpus Atreticum
		Cyst, Nos
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Thyroid		Cyst, Colloid
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos
	Endometrium	Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_562

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Amyloidosis

Cortex Nos

Hyperplasia, Focal

Intestine Large

Gastrointestinal Tract

Postmortem Change

Kidney

Glomerulus

Amyloidosis

Glomerulus

Nephrosis, Nos

Lung

Inflammation, Interstitial

Lymph node

Hyperplasia, Nos

Mammary gland

Lactation

Pancreas

Lipoidosis

Spleen

Amyloidosis

Thyroid

Follicle

Atrophy, Nos

Uterus

Serosa

Congestion, Nos

Endometrium

Hyperplasia, Nos

Vagina

Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_563

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Blood vessel	Abdominal Aorta	Atherosclerosis
Heart	Atrium	Thrombus, Mural
Kidney		Inflammation, Chronic
Liver		Cirrhosis, Portal
Lung	Alveolar Wall	Fibrosis
		Hemosiderosis
		Inflammation, Chronic
Ovary		Luteinization
Parathyroid gland		Abscess, Nos
Stomach	Mucosa	Calcification, Nos
	Cardiac Stomach	Papilloma, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_571

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Intestinal Tract	Inflammation, Acute
	Rectum	Inflammation, Acute Diffuse
	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Portal Tract	Amyloidosis
		Cirrhosis, Portal
Lung		Postmortem Change
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Spleen		Amyloidosis
		Hypoplasia, Nos
Thymus		Involution, Nos
Thyroid	Follicle	Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_572

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large
Kidney
Liver
Ovary
Spleen
Stomach
Thymus
Unspecified
Uterus
Vagina

Intestinal Tract
Glomerulus

Fundus

Multiple Organs Nos
Serosa

Postmortem Change
Nephrosis, Nos
Cirrhosis, Portal
Corpus Atreticum
Hypoplasia, Nos
Ulcer, Nos
Involution, Nos
Amyloidosis
Congestion, Nos
Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_573

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
		Cortical Adenoma
	Cortex Nos	Dilatation, Nos
Blood vessel	Aorta Nos	Thrombosis, Nos
Intestine Large	Cecum, Colon	Postmortem Change
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Centrilobular	Congestion, Passive
	Centrilobular	Necrosis, Focal
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Thymus		Involution, Nos
Uterus	Serosa	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_581

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Base Of Heart Atrium	Lymphocytic Inflammatory Infiltrate Thrombus, Mural
Intestine Large	Cecum, Colon Intestinal Tract	Inflammation, Chronic Focal Postmortem Change
Kidney		Inflammation, Chronic
Liver		Cirrhosis, Portal Congestion, Nos
Lung		Alveolar Macrophages Inflammation, Chronic Necrosis, Focal
Stomach		Acanthosis Hyperkeratosis
Unspecified	Multiple Organs Nos Perineum Nos Perineum Nos	Amyloidosis Hyperkeratosis Hyperplasia, Nos
Uterus	Serosa Endometrium	Congestion, Nos Hyperplasia, Cystic
Vagina		Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_582

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Cortical Adenoma
Esophagus		Acanthosis
Kidney	Pelvis	Hyperplasia, Epithelial Inflammation, Chronic
Liver		Cirrhosis, Portal
Lung		Alveolar Macrophages Inflammation, Chronic
Lymph node	Alveoli Mesenteric Lymph Node	Edema, Nos Hyperplasia, Lymphoid
Unspecified	Mesenteric Lymph Node Multiple Organs Nos	Amyloidosis Hyperplasia, Nos
Uterus	Perineum Nos Serosa	Congestion, Nos
Vagina	Endometrium	Hyperplasia, Cystic Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_583

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Large Intestine, Colon

Inflammation, Nos

Anus Nos

Persistent Cloaca

Gastrointestinal Tract

Postmortem Change

Ileum

Regeneration, Incomplete

Intestine Small

Liver

Giant Cell Hepatitis

Lung

Alveoli

Congestion, Nos

Lymph node

Hyperplasia, Nos

Ovary

Corpus Atreticum

Pancreas

Lipoidosis

Thymus

Involution, Nos

Unspecified

Multiple Organs Nos

Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_591

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow		Aplasia, Hematopoietic
Heart	Left Ventricle Nos	Thrombosis, Nos
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
	Bile Duct	Dilatation, Nos
Lymph node	Cervical Lymph Node Nos	Hyperplasia, Nos
Ovary		Corpus Atreticum
Pituitary gland		Degeneration, Hyaline
Skin		Inflammation, Chronic
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Urinary bladder		Hyperplasia, Papillary
Uterus	Serosa	Congestion, Nos
Vagina		Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_592

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
	Centrilobular	Congestion, Passive
Lung	Alveoli	Histiocytosis
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Thyroid	Follicle	Atrophy, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos
	Endometrium	Hyperplasia, Cystic
Vagina		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_593

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Heart
Lymph node
Pancreas
Unspecified

Atrium

Multiple Organs Nos

Amyloidosis
Thrombosis, Nos
Hyperplasia, Nos
Lipoidosis
Postmortem Change

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_601

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel
Intestine Large

Colic Artery
Colon
Anus Nos

Thrombosis, Nos
Intussusception
Metaplasia, Squamous

Kidney

Glomerulus

Nephrosis, Nos

Liver

Cirrhosis, Portal

Lymph node

Cervical Lymph Node Nos

Hyperplasia, Nos

Ovary

Corpus Atreticum

Skin

Inflammation, Acute/Chronic

Spleen

Hypoplasia, Nos

Thymus

Involution, Nos

Unspecified

Multiple Organs Nos

Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_602

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Colon

Inflammation, Chronic

Colon

Intussusception

Colon

Necrosis, Focal

Intestinal Tract

Postmortem Change

Kidney

Inflammation, Chronic

Liver

Cirrhosis, Portal

Stomach

Acanthosis

Unspecified

Multiple Organs Nos

Amyloidosis

Uterus

Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_603

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel	Colic Artery	Thrombosis, Nos
Intestine Large	Large Intestine, Colon	Inflammation, Acute
	Colon	Intussusception
	Large Intestine, Colon	Necrosis, Nos
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Ovary		Atrophy, Nos
		Corpus Atreticum
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Stomach	Fundus	Ulcer, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_611

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Heart	Left Atrium Nos	Thrombus, Organized
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver		Cyst, Nos
	Hepatic Lobule	Lipoidosis
Lung	Alveoli	Inflammation, Acute Focal
Ovary		Atrophy, Nos
		Corpus Atreticum
Spleen		Amyloidosis
		Hypoplasia, Nos
Uterus	Serosa	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_612

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Colon

Hemorrhage

Colon

Intussusception

Colon

Necrosis, Nos

Intestinal Tract

Postmortem Change

Kidney

Inflammation, Chronic

Liver

Cirrhosis, Portal

Lymph node

Inflammation, Chronic

Skin

Hyperkeratosis

Spleen

Inflammation, Chronic

Unspecified

Hemangiosarcoma

Perineum Nos

Acanthosis

Multiple Organs Nos

Amyloidosis

Perineum Nos

Hyperplasia, Nos

Vagina

Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_613

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic Focal
	Auricular Appendage Nos	Thrombosis, Nos
Intestine Large	Intestinal Tract	Postmortem Change
Kidney		Inflammation, Chronic
Liver		Cirrhosis, Portal
		Congestion, Nos
Lung		Bronchopneumonia, Chronic
Lymph node	Mesenteric Lymph Node	Inflammation, Chronic
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_622

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Thrombus, Mural
Intestine Large	Intestinal Tract	Postmortem Change
Kidney		Inflammation, Chronic
Liver		Hemorrhage
	Centrilobular	Necrosis, Nos
Lung		Alveolar Macrophages
		Inflammation, Chronic
		Necrosis, Focal
Lymph node	Mesenteric Lymph Node	Inflammation, Chronic
Skeletal muscle	Pharyngeal Muscle	Calcification, Nos
	Pharyngeal Muscle	Inflammation, Chronic Focal
Stomach		Acanthosis
		Hyperkeratosis
Thyroid	Follicle	Atrophy, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos
	Parovarian	Hemorrhage
Vagina		Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_623

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver	Bile Duct	Dilatation, Nos
Lung	Alveoli	Inflammation, Acute Focal
Ovary		Atrophy, Nos
		Corpus Atreticum
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_631

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Anus Nos	Persistent Cloaca
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Centrilobular	Congestion, Passive
		Cyst, Nos
	Centrilobular	Necrosis, Focal
Lung	Alveoli	Histiocytosis
Lymph node	Renal Lymph Node	Lymphoma, Histiocytic-Malignant Type
Ovary		Atrophy, Nos
		Corpus Atreticum
Pancreas		Lipoidosis
Salivary gland		Hyperplasia, Nos
Skin	Circumanal Gland	Inflammation, Nos
Uterus	Serosa	Congestion, Nos
	Fimbria/Fallopian Tube	Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_632

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Cecum, Colon

Inflammation, Acute Focal

Colon

Intussusception

Intestinal Tract

Postmortem Change

Kidney

Glomerulus

Nephrosis, Nos

Liver

Cirrhosis, Portal

Lung

Inflammation, Interstitial

Lymph node

Colo-Rectal Lymph Node

Hyperplasia, Nos

Ovary

Atrophy, Nos

Skin

Corpus Atreticum

Spleen

Inflammation, Chronic

Stomach

Cardiac Stomach

Hypoplasia, Nos

Cardiac Stomach

Acanthosis

Thymus

Hyperkeratosis

Unspecified

Multiple Organs Nos

Involution, Nos

Urinary bladder

Amyloidosis

Hyperplasia, Papillary

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_633

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large
Kidney
Liver
Lung
Lymph node
Mammary gland
Ovary

Intestinal Tract
Glomerulus
Centrilobular
Alveoli
Mesenteric Lymph Node

Pancreas
Spleen
Unspecified
Uterus

Red Pulp
Multiple Organs Nos
Serosa

Cortical Adenoma
Postmortem Change
Nephrosis, Nos
Congestion, Passive
Histiocytosis
Hyperplasia, Nos
Lactation
Atrophy, Nos
Corpus Atreticum
Lipoidosis
Hypoplasia, Nos
Amyloidosis
Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_651

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Small
Kidney
Liver
Lung
Lymph node
Ovary
Pancreas
Spleen
Thymus
Unspecified
Urinary bladder

Ileum
Glomerulus

Mesenteric Lymph Node

Multiple Organs Nos

Postmortem Change
Nephrosis, Nos
Cirrhosis, Portal
Inflammation, Interstitial
Hyperplasia, Nos
Atresia
Lipoidosis
Hypoplasia, Nos
Involution, Nos
Amyloidosis
Hyperplasia, Papillary

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_652

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Blood vessel	Aorta Nos	Thrombosis, Nos
Bone marrow		Metamorphosis, Fatty
Heart	Base Of Heart	Periarteritis
	Left Atrium Nos	Thrombus, Organized
Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung	Alveoli	Histiocytosis
Lymph node		Hyperplasia, Nos
Mammary gland		Lactation
Ovary		Atrophy, Nos
		Corpus Atreticum
Pancreas		Lipoidosis
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Vagina		Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_653

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large

Large Intestine, Colon
Colon
Anus Nos
Intestinal Tract
Glomerulus

Inflammation, Nos
Intussusception
Persistent Cloaca
Postmortem Change
Nephrosis, Nos
Cirrhosis, Portal
Postmortem Change
Hyperplasia, Nos
Corpus Atreticum
Hypoplasia, Nos
Involution, Nos
Amyloidosis

Kidney

Liver

Lung

Lymph node

Ovary

Spleen

Thymus

Unspecified

Multiple Organs Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_661

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland		Degeneration, Hyaline
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Cecum, Colon	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
	Centrilobular	Congestion, Passive
	Hepatic Lobule	Cytoplasmic Vacuolization
Lung	Alveoli	Histiocytosis
Lymph node		Hyperplasia, Nos
Ovary		Atrophy, Nos
		Corpus Atreticum
Pancreas		Lipoidosis
Skin		Inflammation, Chronic
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Abscess, Nos
	Serosa	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_662

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Amyloidosis

Heart

Left Atrium Nos

Thrombus, Organized

Kidney

Glomerulus

Amyloidosis

Glomerulus

Nephrosis, Nos

Liver

Amyloidosis

Lymph node

Mesenteric Lymph Node

Cirrhosis, Portal

Ovary

Hyperplasia, Nos

Unspecified

Multiple Organs Nos

Corpus Atreticum

Uterus

Serosa

Postmortem Change

Endometrium

Congestion, Nos

Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_663

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large
Kidney

Cortex Nos
Intestinal Tract
Glomerulus
Glomerulus
Alveoli
Colo-Rectal Lymph Node

Lung
Lymph node
Ovary
Pancreas
Thymus
Thyroid
Urinary bladder
Uterus
Vagina

Follicle

Endometrium

Amyloidosis
Postmortem Change
Amyloidosis
Nephrosis, Nos
Histiocytosis
Hyperplasia, Nos
Corpus Atreticum
Lipoidosis
Involution, Nos
Atrophy, Nos
Hyperplasia, Papillary
Hyperplasia, Nos
Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_671

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Blood vessel	Abdominal Aorta	Atherosclerosis
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver		Necrosis, Focal
Lung	Alveoli	Histiocytosis
Spleen		Amyloidosis
		Hypoplasia, Nos
Thyroid		Cyst, Colloid
Uterus	Serosa	Congestion, Nos
Vagina		Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_672

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain		Malacia
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Anus Nos	Persistent Cloaca
	Gastrointestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung	Alveoli	Congestion, Nos
Lymph node		Hyperplasia, Nos
Ovary		Atrophy, Nos
		Corpus Atreticum
		Cyst, Nos
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Endometrium	Hyperplasia, Nos
		Papillary Carcinoma
Vagina		Inflammation, Acute Suppurative
		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_673

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Hypoplasia, Hematopoietic
Kidney	Tubule	Dilatation, Nos
Pancreas		Lipoidosis
Thymus		Involution, Nos
Uterus	Endometrium	Inflammation, Acute Diffuse

PRIMARY CAUSE OF DEATH

-

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_681

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large
Kidney
Liver
Lung
Mammary gland
Ovary

Gastrointestinal Tract
Glomerulus
Centrilobular
Alveoli

Postmortem Change
Nephrosis, Nos
Congestion, Passive
Histiocytosis
Lactation
Atrophy, Nos
Corpus Atreticum
Lipoidosis
Involution, Nos
Amyloidosis
Edema, Nos
Inflammation, Acute Suppurative

Pancreas

Thymus

Unspecified

Urinary bladder

Uterus

Multiple Organs Nos

Submucosa

Endometrium

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_682

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Blood vessel
Heart

Abdominal Aorta

Necrosis, Cortical
Calcification, Medial
Calcification, Nos
Necrosis, Focal

Intestine Large
Kidney
Liver
Unspecified

Intestinal Tract

Postmortem Change
Inflammation, Chronic
Cirrhosis, Portal
Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_683

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large
Kidney
Liver
Unspecified
Vagina

Intestinal Tract

Multiple Organs Nos

Congestion, Nos
Postmortem Change
Inflammation, Chronic
Cirrhosis, Portal
Amyloidosis
Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_691

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Anus Nos

Persistent Cloaca

Kidney

Gastrointestinal Tract

Postmortem Change

Liver

Glomerulus

Nephrosis, Nos

Lung

Centrilobular

Cirrhosis, Portal

Lymph node

Alveoli

Congestion, Passive

Mammary gland

Histiocytosis

Ovary

Hyperplasia, Nos

Lactation

Pancreas

Atrophy, Nos

Corpus Atreticum

Skin

Lipoidosis

Inflammation, Chronic

Spleen

Red Pulp

Hypoplasia, Nos

Unspecified

Multiple Organs Nos

Amyloidosis

Uterus

Fimbria/Fallopian Tube

Cyst, Nos

Vagina

Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_692

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Colon	Inflammation, Nos
	Anus Nos	Persistent Cloaca
	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lymph node	Cervical Lymph Node Nos	Hyperplasia, Nos
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Urinary bladder		Hyperplasia, Papillary

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_693

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large

Cortex Nos
Gastrointestinal Tract
Gastrointestinal Tract

Lung

Alveoli

Lymph node

Pancreas

Spleen

Thymus

Amyloidosis
Inflammation, Nos
Postmortem Change
Histiocytosis
Inflammation, Interstitial
Hyperplasia, Nos
Lipoidosis
Amyloidosis
Involution, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_701

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large
Kidney

Serosa, Colon
Perirenal Tissue

Inflammation, Nos
Abscess, Nos
Infarct, Nos
Amyloidosis
Hematopoiesis

Liver
Spleen

Portal Tract

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_702

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Blood vessel
Intestine Large

Colic Artery
Colon
Rectum
Colon
Anus Nos
Colon
Glomerulus

Kidney
Liver
Ovary
Pancreas
Spleen
Stomach
Unspecified

Cardiac Stomach
Multiple Organs Nos

Pheochromocytoma
Thrombosis, Nos
Inflammation, Nos
Inflammation, Nos
Intussusception
Metaplasia, Squamous
Necrosis, Nos
Nephrosis, Nos
Cirrhosis, Portal
Corpus Atreticum
Lipoidosis
Hypoplasia, Nos
Hyperkeratosis
Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_703

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Blood vessel	Abdominal Aorta	Atherosclerosis
Heart	Myocardium Nos	Mineralization
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Hepatic Lobule	Necrosis, Focal
Lung		Inflammation, Interstitial
Ovary		Inflammation, Acute Suppurative
Spleen		Amyloidosis
		Hypoplasia, Nos
Uterus	Serosa	Congestion, Nos
	Endometrium	Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_711

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large
Kidney

Cortex Nos
Gastrointestinal Tract
Glomerulus
Glomerulus
Centrilobular
Alveoli

Liver
Lung
Mammary gland
Ovary

Pancreas
Thymus
Thyroid

Amyloidosis
Postmortem Change
Amyloidosis
Nephrosis, Nos
Congestion, Passive
Histiocytosis
Lactation
Atrophy, Nos
Corpus Atreticum
Lipoidosis
Involution, Nos
Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_712

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large
Kidney

Submucosa, Colon

Hyperplasia, Nos
Cyst, Hemorrhagic
Inflammation, Chronic
Amyloidosis

Unspecified

Multiple Organs Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_713

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cyst, Nos
Lung		Inflammation, Interstitial
Ovary		Atrophy, Nos
		Corpus Atreticum
Spleen		Hypoplasia, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_721

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Auricular Appendage Nos	Thrombosis, Nos
Intestine Large	Intestinal Tract	Postmortem Change
Kidney		Inflammation, Chronic
Liver	Centrilobular	Congestion, Nos
	Centrilobular	Necrosis, Nos
Lung		Bronchopneumonia Suppurative
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	Hyperkeratosis
Unspecified	Multiple Organs Nos	Amyloidosis
Vagina		Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_722

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Intestinal Tract

Postmortem Change

Kidney

Glomerulus

Nephrosis, Nos

Liver

Cirrhosis, Portal

Lung

Inflammation, Interstitial

Lymph node

Mesenteric Lymph Node

Hyperplasia, Nos

Ovary

Corpus Atreticum

Spleen

Hypoplasia, Nos

Thymus

Involution, Nos

Unspecified

Multiple Organs Nos

Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_723

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node	Colo-Rectal Lymph Node	Hyperplasia, Nos
	Mesenteric Lymph Node	Postmortem Change
Ovary		Atresia
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_731

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large
Kidney
Liver
Lymph node
Ovary

Gastrointestinal Tract
Glomerulus

Colo-Rectal Lymph Node

Postmortem Change
Nephrosis, Nos
Cirrhosis, Portal
Hyperplasia, Nos
Atresia
Corpus Atreticum
Hypoplasia, Nos
Amyloidosis

Spleen
Unspecified

Multiple Organs Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_732

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large	Cecum, Colon	Inflammation, Acute Suppurative
	Large Intestine, Colon	Inflammation, Nos
	Anus Nos	Metaplasia, Squamous
	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lymph node		Hyperplasia, Nos
Ovary		Corpus Atreticum
Spleen		Hypoplasia, Nos
Stomach	Cardiac Stomach	Hyperkeratosis
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Endometrium	Inflammation, Acute Suppurative
Vagina		Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_733

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel	Colic Artery	Thrombosis, Nos
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Colon	Intussusception
	Intestinal Tract	Postmortem Change
Intestine Small	Ileum	Inflammation, Nos
	Mesentery Nos	Steatitis
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
	Bile Duct	Dilatation, Nos
	Bile Duct	Hyperplasia, Nos
Lung	Alveoli	Histiocytosis
Lymph node		Hyperplasia, Nos
Ovary		Atrophy, Nos
		Corpus Atreticum
Pancreas		Lipoidosis
Pituitary gland		Degeneration, Hyaline
Skin		Inflammation, Chronic
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Urinary bladder		Hyperplasia, Papillary
Uterus	Endometrium	Hyperplasia, Nos
	Endometrium	Inflammation, Acute Suppurative
Vagina		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_751

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large
Kidney

Cortex Nos
Intestinal Tract
Glomerulus

Liver
Lymph node
Skin
Unspecified

Leg
Multiple Organs Nos

Amyloidosis
Inflammation, Acute Suppurative
Amyloidosis
Glomerulonephritis, Chronic
Lymphocytosis
Hyperplasia, Nos
Verruca
Fibrosarcoma
Fibrosarcoma, Metastatic
Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_752

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large
Kidney
Liver

Intestinal Tract
Glomerulus

Postmortem Change
Nephrosis, Nos
Cirrhosis, Portal

Bile Duct
Hepatic Lobule

Inflammation, Nos
Necrosis, Focal

Lymph node
Mammary gland
Ovary

Hyperplasia, Nos
Lactation

Pancreas
Spleen

Atrophy, Nos
Corpus Atreticum

Thymus
Unspecified

Lipoidosis
Hypoplasia, Nos

Uterus
Vagina

Multiple Organs Nos
Serosa

Involution, Nos
Amyloidosis

Congestion, Nos
Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_753

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Anus Nos	Persistent Cloaca
	Intestinal Tract	Postmortem Change
	Anus Nos	Squamous Cell Papilloma
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
	Centrilobular	Congestion, Passive
Lung	Alveoli	Histiocytosis
Ovary		Atrophy, Nos
		Corpus Atreticum
Spleen	Red Pulp	Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos
Vagina		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_761

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Intestinal Tract

Postmortem Change

Kidney

Glomerulus

Nephrosis, Nos

Liver

Cirrhosis, Portal

Lung

Inflammation, Interstitial

Lymph node

Colo-Rectal Lymph Node

Hyperplasia, Nos

Parathyroid gland

Hyperplasia, Nos

Skin

Inflammation, Acute

Spleen

Hypoplasia, Nos

Thyroid

Follicle

Atrophy, Nos

Unspecified

Multiple Organs Nos

Amyloidosis

Urinary bladder

Hyperplasia, Papillary

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_762

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos
Ovary		Corpus Atreticum
Spleen		Hypoplasia, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos
Vagina		Papilloma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_763

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large
Kidney
Liver
Lung
Ovary

Anus Nos
Glomerulus

Metaplasia, Squamous
Nephrosis, Nos
Cirrhosis, Portal
Inflammation, Interstitial
Atrophy, Nos
Corpus Atreticum
Amyloidosis
Postmortem Change

Unspecified

Multiple Organs Nos
Multiple Organs Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_771

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel	Aorta Nos	Arteriosclerosis, Nos
Intestine Large	Colon	Inflammation, Chronic
	Large Intestine, Colon	Inflammation, Nos
	Colon	Intussusception
	Intestinal Tract	Postmortem Change
	Large Intestine, Colon	Thrombosis, Nos
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
	Bile Duct	Dilatation, Nos
Lung		Inflammation, Interstitial
Ovary		Corpus Atreticum
Skin		Inflammation, Acute
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_772

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung	Alveoli	Histiocytosis
Lymph node		Hyperplasia, Nos
Ovary		Atrophy, Nos
		Corpus Atreticum
Pancreas		Lipoidosis
Skin		Inflammation, Acute/Chronic
Stomach	Cardiac Stomach	Hyperkeratosis
Thymus		Involution, Nos
Thyroid	Follicle	Atrophy, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Urinary bladder		Hyperplasia, Papillary
Uterus	Fimbria/Fallopian Tube	Cyst, Multiple
	Endometrium	Inflammation, Acute Suppurative
Vagina		Inflammation, Acute Suppurative
		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_773

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Ventricle	Thrombosis, Nos
Intestine Large	Intestinal Tract	Postmortem Change
Kidney		Inflammation, Chronic
Liver		Congestion, Nos
Lung		Bronchopneumonia, Chronic
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:26
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_781

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Portal Tract	Amyloidosis
		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Ovary		Corpus Atreticum
Skin		Hyperplasia, Basal Cell
	Circumanal Gland	Inflammation, Acute
Thymus		Involution, Nos
Urinary bladder		Hyperplasia, Papillary

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_782

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large
Kidney
Liver

Cortex Nos
Gastrointestinal Tract
Glomerulus

Hyperplasia, Focal
Postmortem Change
Nephrosis, Nos
Cirrhosis, Portal
Cyst, Nos

Lung
Ovary

Alveoli

Histiocytosis
Atrophy, Nos
Corpus Atreticum

Spleen
Unspecified
Uterus

Multiple Organs Nos
Serosa

Hypoplasia, Nos
Amyloidosis
Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:26
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_783

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Gall bladder		Calculus, Unknown Gross Or Micro
Intestine Large	Gastrointestinal Tract	Inflammation, Suppurative
	Colon	Intussusception
	Gastrointestinal Tract	Postmortem Change
Kidney	Glomerulus	Amyloidosis
		Glomerulonephritis, Chronic
Liver	Portal Tract	Amyloidosis
		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Parathyroid gland		Hyperplasia, Nos
Spleen		Amyloidosis
		Hypoplasia, Nos
Unspecified	Arm Nos	Abscess, Nos
Vagina		Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_792

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Colon

Inflammation, Chronic

Colon

Intussusception

Gastrointestinal Tract

Postmortem Change

Glomerulus

Nephrosis, Nos

Kidney

Cirrhosis, Portal

Liver

Hyperplasia, Nos

Lymph node

Lipoidosis

Pancreas

Hypoplasia, Nos

Spleen

Amyloidosis

Unspecified

Multiple Organs Nos

Congestion, Nos

Uterus

Serosa

Inflammation, Acute

Vagina

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:26
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_793

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Heart	Mitral Valve Nos	Inflammation, Proliferative
		Thrombosis, Nos
Intestine Large	Colon	Inflammation, Acute Suppurative
	Colon	Intussusception
	Intestinal Tract	Postmortem Change
	Colon	Thrombosis, Nos
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lymph node		Hyperplasia, Nos
Ovary		Corpus Atreticum
		Cyst, Nos
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Fimbria/Fallopian Tube	Cyst, Nos
	Endometrium	Inflammation, Vesicular
Vagina		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:26
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_801

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Intestine Large	Colon	Inflammation, Acute
	Intestinal Tract	Postmortem Change
Intestine Small	Ileum	Inflammation, Acute Suppurative
Kidney	Glomerulus	Amyloidosis
		Glomerulosclerosis, Nos
Lung		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos
	Colo-Rectal Lymph Node	Hypoplasia, Nos
Spleen		Amyloidosis
		Hypoplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_802

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Anus Nos

Persistent Cloaca

Lung

Alveoli

Histiocytosis

Lymph node

Hyperplasia, Nos

Ovary

Corpus Atreticum

Pancreas

Lipoidosis

Thymus

Involution, Nos

Thyroid

Cyst, Colloid

Uterus

Endometrium

Hyperplasia, Nos

Vagina

Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_803

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lymph node		Hyperplasia, Nos
Ovary		Corpus Atreticum
Spleen		Hypoplasia, Nos
Stomach	Cardiac Stomach	Hyperkeratosis
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_812

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Large Intestine, Colon	Inflammation, Nos
	Colon	Intussusception
	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos
Ovary		Atresia
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Stomach	Cardiac Stomach	Hyperkeratosis
Thyroid	Follicle	Atrophy, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos
Vagina		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:26
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_813

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Kidney	Glomerulus	Nephrosis, Nos
Liver	Portal Tract	Amyloidosis
		Necrosis, Focal
Stomach	Mucosa	Erosion

PRIMARY CAUSE OF DEATH

-

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_821

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Colon

Intussusception

Kidney

Gastrointestinal Tract

Postmortem Change

Liver

Glomerulus

Nephrosis, Nos

Lung

Cirrhosis, Portal

Ovary

Inflammation, Interstitial

Spleen

Atrophy, Nos

Thymus

Corpus Atreticum

Unspecified

Hypoplasia, Nos

Involution, Nos

Multiple Organs Nos

Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_822

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
		Cyst, Nos
Lung	Alveoli	Histiocytosis
Mammary gland		Lactation
Ovary		Atrophy, Nos
		Corpus Atreticum
		Cyst, Nos
Stomach	Fundus	Erosion
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Endometrium	Hyperplasia, Nos
Vagina		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_823

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Anus Nos

Hyperplasia, Papillary

Anus Nos

Persistent Cloaca

Intestinal Tract

Postmortem Change

Kidney

Glomerulus

Nephrosis, Nos

Liver

Cirrhosis, Portal

Lymph node

Hyperplasia, Nos

Ovary

Atresia

Spleen

Corpus Atreticum

Thymus

Hypoplasia, Nos

Unspecified

Multiple Organs Nos

Involution, Nos

Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_831

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Atrium	Thrombus, Mural
Intestine Large	Intestinal Tract	Postmortem Change
Kidney		Inflammation, Chronic
Liver		Cirrhosis, Portal
		Congestion, Nos
Lung		Alveolar Macrophages
		Congestion, Nos
		Inflammation, Chronic
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Endometrium	Cyst, Nos
Vagina		Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:26
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_832

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
	Centrilobular	Congestion, Passive
Lung		Inflammation, Interstitial
Ovary		Corpus Atreticum
Pancreas		Postmortem Change
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos
	Endometrium	Hyperplasia, Cystic
Vagina		Inflammation, Vesicular

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_833

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Anus Nos	Persistent Cloaca
	Gastrointestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
	Centrilobular	Congestion, Passive
Lung	Alveoli	Histiocytosis
Lymph node		Hyperplasia, Nos
Ovary		Atrophy, Nos
		Corpus Atreticum
Pancreas		Lipoidosis
Parathyroid gland		Adenoma, Nos
Spleen	Red Pulp	Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Vagina		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_851

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Kidney

Liver

Lung

Ovary

Unspecified

Uterus

Vagina

Gastrointestinal Tract

Glomerulus

Centrilobular

Hepatic Lobule

Centrilobular

Alveoli

Multiple Organs Nos

Endometrium

Postmortem Change

Nephrosis, Nos

Congestion, Passive

Cytoplasmic Vacuolization

Necrosis, Focal

Histiocytosis

Atrophy, Nos

Corpus Atreticum

Amyloidosis

Hyperplasia, Nos

Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:26
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_852

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Aplasia, Hematopoietic
Intestine Large	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Ovary		Corpus Atreticum
Pancreas		Postmortem Change
Spleen		Hypoplasia, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Endometrium	Inflammation, Acute Suppurative
Vagina		Hyperplasia, Papillary

PRIMARY CAUSE OF DEATH

-

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_853

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel

Pulmonary Artery Nos

Thrombosis, Nos

Heart

Left Atrium Nos

Thrombus, Mural

Kidney

Inflammation, Chronic

Liver

Capsule

Congestion, Nos

Hematopoiesis

Lung

Histiocytosis

Infarct, Nos

Inflammation, Chronic

Necrosis, Focal

Unspecified

Multiple Organs Nos

Amyloidosis

Perineum Nos

Hyperplasia, Nos

Uterus

Endometrium

Hyperplasia, Cystic

Vagina

Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_862

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung	Alveoli	Histiocytosis
Lymph node	Colo-Rectal Lymph Node	Hyperplasia, Nos
Ovary		Corpus Atreticum
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_863

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Large
Kidney
Lung
Lymph node
Mammary gland
Ovary
Thymus
Thyroid
Uterus

Cortex Nos
Left Atrium Nos
Intestinal Tract
Glomerulus
Alveoli

Serosa
Endometrium

Amyloidosis
Thrombus, Organized
Postmortem Change
Nephrosis, Nos
Histiocytosis
Hyperplasia, Nos
Lactation
Corpus Atreticum
Involution, Nos
C-Cell Adenoma
Congestion, Nos
Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:26
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_872

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Intestine Large	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Centrilobular	Congestion, Passive
		Cytoplasmic Vacuolization
Lung	Alveoli	Histiocytosis
Lymph node	Colo-Rectal Lymph Node	Hyperplasia, Nos
Pancreas		Lipoidosis
Thymus		Involution, Nos
Thyroid		Amyloidosis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_882

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel

Aorta Nos

Arteriosclerosis, Nos

Intestine Large

Rectum

Inflammation, Suppurative

Cecum, Colon

Postmortem Change

Glomerulus

Nephrosis, Nos

Kidney

Liver

Cirrhosis, Portal

Lymph node

Hyperplasia, Nos

Spleen

Hypoplasia, Lymphoid

Thyroid

Cyst, Colloid

Unspecified

Multiple Organs Nos

Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_883

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel	Aorta Nos	Arteriosclerosis, Nos
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung	Alveoli	Histiocytosis
Lymph node	Colo-Rectal Lymph Node	Hyperplasia, Nos
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Urinary bladder		Hyperplasia, Papillary

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_891

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Colon	Intussusception
	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
	Bile Duct	Dilatation, Nos
Lung		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos
Ovary		Atrophy, Nos
		Corpus Atreticum
Pancreas	Islets	Islet-Cell Adenoma
Spleen		Hypoplasia, Nos
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	Hyperkeratosis
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Vagina		Inflammation, Acute Vesicular

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_893

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Anus Nos

Persistent Cloaca

Kidney

Intestinal Tract

Postmortem Change

Liver

Glomerulus

Nephrosis, Nos

Lung

Alveoli

Cirrhosis, Portal

Lymph node

Colo-Rectal Lymph Node

Inflammation, Acute Focal

Ovary

Hyperplasia, Nos

Pancreas

Corpus Atreticum

Skin

Circumanal Gland

Lipoidosis

Thymus

Inflammation, Nos

Unspecified

Multiple Organs Nos

Involution, Nos

Uterus

Endometrium

Amyloidosis

Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_901

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Amyloidosis

Heart

Left Atrium Nos

Thrombus, Organized

Kidney

Glomerulus

Nephrosis, Nos

Liver

Centrilobular

Congestion, Passive

Lung

Centrilobular

Necrosis, Focal

Lymph node

Inflammation, Interstitial

Mammary gland

Hyperplasia, Nos

Pancreas

Lactation

Thymus

Lipoidosis

Involution, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:26
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_902

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large
Liver

Cortex Nos
Anus Nos
Portal Tract

Spleen
Thymus
Thyroid
Unspecified

Follicle
Multiple Organs Nos

Amyloidosis
Persistent Cloaca
Amyloidosis
Cirrhosis, Portal
Amyloidosis
Involution, Nos
Atrophy, Nos
Postmortem Change

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_903

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow		Aplasia, Hematopoietic
Heart	Left Ventricle Nos	Thrombosis, Nos
	Left Atrium Nos	Thrombus, Organized
Intestine Large	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lymph node		Hyperplasia, Nos
Ovary		Atrophy, Nos
		Corpus Atreticum
		Cyst, Nos
Pancreas	Islets	Islet-Cell Adenoma
Skin		Inflammation, Chronic
Spleen		Hypoplasia, Nos
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	Hyperkeratosis
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos
	Endometrium	Inflammation, Acute Suppurative
Vagina		Inflammation, Acute Suppurative
		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_911

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Amyloidosis

Intestine Large

Colon

Hyperplasia, Papillary

Intestine Small

Ileum

Regeneration, Incomplete

Kidney

Glomerulus

Amyloidosis

Liver

Glomerulus

Nephrosis, Nos

Cirrhosis, Portal

Lymph node

Hematopoiesis

Hyperplasia, Nos

Pancreas

Lipoidosis

Thymus

Involution, Nos

Urinary bladder

Transitional-Cell Papilloma

Uterus

Fallopian Tube

Hyperplasia, Papillary

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_912

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Focal

Kidney

Glomerulus

Amyloidosis

Glomerulus

Nephrosis, Nos

Liver

Portal Tract

Amyloidosis

Cirrhosis, Portal

Lymph node

Colo-Rectal Lymph Node

Hyperplasia, Nos

Ovary

Atrophy, Nos

Corpus Atreticum

Spleen

Amyloidosis

Vagina

Hyperplasia, Papillary

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_913

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large

Anus Nos
Intestinal Tract

Amyloidosis
Persistent Cloaca
Postmortem Change

Kidney

Glomerulus
Glomerulus

Amyloidosis
Nephrosis, Nos

Liver

Centrilobular
Centrilobular

Congestion, Passive
Necrosis, Focal

Lung

Inflammation, Interstitial

Lymph node

Colo-Rectal Lymph Node

Hyperplasia, Nos

Ovary

Atrophy, Nos

Pancreas

Corpus Atreticum

Stomach

Cardiac Stomach

Lipoidosis

Thymus

Hyperkeratosis

Thyroid

Involution, Nos

Uterus

Serosa

Amyloidosis

Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:26
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_921

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Dilatation, Nos
Intestine Large	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver	Centrilobular	Congestion, Passive
Lymph node		Hyperplasia, Nos
Ovary		Atrophy, Nos
		Corpus Atreticum
Pancreas		Lipoidosis
Spleen	Red Pulp	Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Endometrium	Hyperplasia, Nos
	Endometrium	Inflammation, Acute Suppurative
		Inflammation, Acute Suppurative
Vagina		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_922

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large
Kidney
Liver
Lymph node
Ovary
Pancreas

Intestinal Tract
Glomerulus

Spleen
Thymus
Unspecified
Uterus

Multiple Organs Nos

Postmortem Change
Nephrosis, Nos
Cirrhosis, Portal
Hyperplasia, Nos
Atresia
Lipoidosis
Postmortem Change
Hypoplasia, Nos
Involution, Nos
Amyloidosis
Postmortem Change

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:26
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_923

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large	Anus Nos	Cyst, Epidermal Inclusion
	Anus Nos	Persistent Cloaca
	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Lung		Inflammation, Interstitial
Ovary		Atrophy, Nos
		Corpus Atreticum
Skin	Circumanal Gland	Inflammation, Acute
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:26
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_931

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Mitral Valve Nos	Inflammation, Proliferative
	Mitral Valve Nos	Thrombosis, Nos
Intestine Large	Intestinal Tract	Inflammation, Nos
	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
	Bile Duct	Dilatation, Nos
Lung	Alveoli	Histiocytosis
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos
Ovary		Atrophy, Nos
		Corpus Atreticum
Pancreas		Lipoidosis
Pituitary gland		Cytoplasmic Vacuolization
Spleen		Hypoplasia, Nos
Stomach	Cardiac Stomach	Hyperkeratosis
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_932

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel	Abdominal Aorta	Calcification, Medial
Heart		Thrombus, Mural
Intestine Large	Intestinal Tract	Postmortem Change
Kidney		Inflammation, Chronic
Liver		Congestion, Nos
Lung		Alveolar Macrophages
		Inflammation, Chronic
		Metaplasia, Osseous
Lymph node	Cervical Lymph Node Nos	Hyperplasia, Lymphoid
	Mesenteric Lymph Node	Inflammation, Chronic
Stomach		Necrosis, Focal
Unspecified	Perineum Nos	Acanthosis
	Multiple Organs Nos	Amyloidosis
	Perineum Nos	Hyperplasia, Nos
Uterus	Serosa	Congestion, Nos
Vagina		Hyperkeratosis
		Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_933

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Mitral Valve Nos	Inflammation, Chronic
	Left Ventricle Nos	Thrombosis, Nos
Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Pancreas		Lipoidosis
Stomach	Cardiac Stomach	Hyperkeratosis
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_941

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Large
Kidney

Liver

Lung
Lymph node
Stomach
Uterus
Vagina

Cortex Nos
Left Atrium Nos
Intestinal Tract
Glomerulus
Glomerulus
Centrilobular

Bile Duct
Centrilobular

Mesenteric Lymph Node
Fundus
Serosa

Amyloidosis
Thrombus, Organized
Postmortem Change
Amyloidosis
Nephrosis, Nos
Congestion, Passive
Cyst, Nos
Dilatation, Nos
Necrosis, Focal
Inflammation, Interstitial
Hyperplasia, Nos
Ulcer, Nos
Congestion, Nos
Hyperplasia, Papillary
Inflammation, Acute Vesicular

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 14:31:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_942

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel

Aorta Nos

Atherosclerosis

Heart

Myocardium Nos

Mineralization

Left Atrium Nos

Thrombus, Organized

Intestine Large

Intestinal Tract

Postmortem Change

Kidney

Glomerulus

Nephrosis, Nos

Liver

Cirrhosis, Portal

Lung

Alveoli

Histiocytosis

Parathyroid gland

Hyperplasia, Nos

Spleen

Hypoplasia, Nos

Unspecified

Multiple Organs Nos

Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, amosite
CAS Number: 12172-73-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:31:26
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_943

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large

Anus Nos
Intestinal Tract

Persistent Cloaca
Postmortem Change

Kidney

Glomerulus

Nephrosis, Nos

Liver

Centrilobular

Cirrhosis, Portal

Lung

Alveoli

Congestion, Passive

Lymph node

Colo-Rectal Lymph Node

Cytoplasmic Vacuolization

Ovary

Histiocytosis

Pancreas

Hyperplasia, Nos

Unspecified

Corpus Atreticum

Uterus

Multiple Organs Nos

Lipoidosis

Vagina

Fimbria/Fallopian Tube

Amyloidosis

Cyst, Nos

Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

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**** END OF REPORT ****