

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 17:51:44
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: Male

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 17:51:44

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_011

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Small
Kidney
Liver

Ileum, Ileum

Ileitis, Regional
Nephropathy
Cirrhosis, Portal
Metamorphosis, Fatty

Lung
Thyroid
Unspecified

Centrilobular

Hemorrhage
Atrophy, Nos
Amyloidosis

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: 17:51:44

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_012

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Large
Intestine Small
Kidney
Liver
Lung
Spleen
Thymus

Cortex Nos
Left Atrium Nos
Gastrointestinal Tract
Ileum
Cortex
Centrilobular
Alveoli

Hyperplasia, Focal
Thrombus, Organized
Postmortem Change
Inflammation, Acute Hemorrhagic
Infarct, Nos
Congestion, Passive
Histiocytosis
Hypoplasia, Lymphoid
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: 17:51:44
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_013

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis		Aspermatogenesis
Intestine Large	Rectum	Abscess, Nos
	Rectum	Inflammation, Acute Suppurative
Prostate		Inflammation, Acute Suppurative
Seminal vesicle		Inflammation, Acute Suppurative
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	Hyperkeratosis
Testis		Spermatogenic Arrest
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: 17:51:44

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_021

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Colon

Inflammation, Pyogranulomatous

Kidney

Intestinal Tract

Postmortem Change

Liver

Inflammation, Chronic Focal

Lung

Nephropathy

Lymph node

Mesenteric Lymph Node

Cirrhosis, Portal

Spleen

Congestion, Nos

Congestion, Nos

Unspecified

Multiple Organs Nos

Pneumonia, Interstitial Chronic

Inflammation, Chronic

Depletion, Lymphoid

Hypoplasia, Nos

Amyloidosis

Adipose Tissue

Inflammation, Chronic Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 17:51:44
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_022

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Cortical Carcinoma
Blood vessel	Ascending Aorta	Arteriosclerosis, Nos
	Coronary Artery Nos	Arteriosclerosis, Nos
Intestine Large	Large Intestine, Colon	Inflammation, Acute
	Intestinal Tract	Postmortem Change
Liver		Cirrhosis, Portal
Lung		Cortical Carcinoma, Metastatic
Lymph node		Hyperplasia, Nos
Stomach	Fundus	Ulcer, Nos
Testis		Spermatogenic Arrest
Thymus		Involution, Nos
Thyroid	Follicle	Atrophy, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
	Multiple Organs Nos	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: 17:51:44
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_023

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large
Intestine Small
Liver

Intestinal Tract
Ileum, Ileum

Centrilobular
Kupffer Cell
Mesenteric Lymph Node

Inflammation, Acute
Ileitis, Regional
Cirrhosis, Portal
Cytoplasmic Vacuolization
Hyperplasia, Nos
Hyperplasia, 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: 17:51:44

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_031

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart		Dilatation, Nos
	Left Atrium Nos	Thrombus, Organized
Kidney		Nephropathy
Liver		Cirrhosis, Portal
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Peritoneum		Abscess, Nos
Pituitary gland		Cytoplasmic Vacuolization
Prostate		Inflammation, Chronic
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: 17:51:44
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_033

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large

Gastrointestinal Tract
Gastrointestinal Tract

Inflammation, Suppurative
Postmortem Change
Lymphocytic Inflammatory Infiltrate
Hyperplasia, Nos
Lipoidosis
Retention Of Content
Retention Of Content
Involution, Nos

Liver
Lymph node
Pancreas
Prostate
Seminal vesicle
Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 17:51:44

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_041

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis		Aspermatogenesis
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Colon	Hyperplasia, Polypoid
	Gastrointestinal Tract	Postmortem Change
Kidney		Nephropathy
Liver	Kupffer Cell	Pigmentation, Nos
Lung	Alveoli	Histiocytosis
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Pituitary gland		Cytoplasmic Vacuolization
Spleen		Hematopoiesis
		Hypoplasia, Lymphoid
Testis		Hyperplasia, Interstitial Cell
		Spermatogenic Arrest
Thymus		Cyst, Multiple
		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: 17:51:44
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_042

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Cortical Carcinoma
	Cortex Nos	Hyperplasia, Focal
Epididymis		Cast, Nos
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Intestinal Tract	Inflammation, Acute
Kidney		Nephropathy
Liver	Centrilobular	Congestion, Passive
		Cytoplasmic Vacuolization
		Necrosis, Focal
Lung	Alveoli	Histiocytosis
Lymph node		Hyperplasia, Nos
Pituitary gland		Cytoplasmic Vacuolization
Seminal vesicle		Inflammation, Chronic
		Mineralization
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	Hyperkeratosis
Testis		Hyperplasia, Interstitial Cell
		Spermatogenic Arrest
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: 17:51:44

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_043

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow		Aplasia, Hematopoietic
Intestine Small	Ileum	Regeneration, Incomplete
Kidney		Nephropathy
Liver		Cirrhosis, Portal
	Bile Duct	Dilatation, Nos
Pancreas		Lipoidosis
Pituitary gland		Cytoplasmic Vacuolization
Skin		Inflammation, Acute Focal
Stomach	Fundus	Ulcer, 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: 17:51:44
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_051

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large

Cecum, Colon
Intestinal Tract

Inflammation, Nos
Postmortem Change

Kidney

Nephropathy

Liver

Cirrhosis, Portal

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: 17:51:44
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_052

TRT#: 1
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Hemorrhage
		Necrosis, Nos
Heart	Left Atrium Nos	Thrombosis, Nos
Kidney		Nephropathy
Liver	Centrilobular	Congestion, Passive
		Necrosis, Focal
Lung	Alveoli	Histiocytosis
Pancreas		Lipoidosis
Pituitary gland		Cytoplasmic Vacuolization
Spleen		Hematopoiesis
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: 17:51:44

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_053

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Epididymis		Aspermatogenesis
Heart	Mitral Valve Nos	Inflammation, Chronic
Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney		Nephropathy
	Pelvis	Nephrosis, Hydro
Prostate		Inflammation, Chronic
Seminal vesicle		Inflammation, Chronic
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	Hyperkeratosis
Testis		Spermatogenic Arrest
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: 17:51:44

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_061

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Epididymis

Cortex Nos

Hyperplasia, Focal
Cast, Nos

Heart
Intestine Large
Kidney
Liver

Left Atrium Nos
Gastrointestinal Tract

Inflammation, Acute
Thrombus, Organized

Lung
Lymph node

Centrilobular
Alveoli
Cervical Lymph Node Nos

Postmortem Change
Nephropathy
Congestion, Passive
Necrosis, Focal
Histiocytosis
Congestion, Nos

Seminal vesicle
Spleen

Hyperplasia, Nos
Inflammation, Chronic Focal
Congestion, Passive

Testis

Hypoplasia, Lymphoid
Hyperplasia, Interstitial Cell
Spermatogenic Arrest

Unspecified
Urinary bladder

Multiple Organs 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: 17:51:44

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_062

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Amyloidosis Hyperplasia, Focal
Bone marrow		Aplasia, Hematopoietic
Epididymis		Aspermatogenesis
Intestine Large	Large Intestine, Colon Gastrointestinal Tract	Inflammation, Proliferative Postmortem Change
Kidney		Nephropathy
Liver		Cyst, Multiple
Lung	Alveoli	Congestion, Nos
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Pituitary gland		Cytoplasmic Vacuolization
Stomach	Cardiac Stomach Cardiac Stomach	Acanthosis Hyperkeratosis
Testis		Hyperplasia, Interstitial Cell Spermatogenic Arrest
Thymus		Cyst, Nos Involution, Nos
Thyroid	Follicle	Atrophy, 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: 17:51:44
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_063

TRT#: 1
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Cortical Adenoma
Liver	Bile Duct	Dilatation, Nos
Pancreas		Lipoidosis
Pituitary gland		Cytoplasmic Vacuolization
Skin		Inflammation, Chronic
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: 17:51:44
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_071

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Large

Cortex Nos
Left Atrium Nos
Large Intestine, Colon
Gastrointestinal Tract

Liver
Lung
Lymph node
Pancreas

Centrilobular
Alveoli

Hyperplasia, Focal
Thrombus, Organized
Inflammation, Acute Suppurative
Postmortem Change
Congestion, Passive
Histiocytosis
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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_072

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large
Kidney

Gastrointestinal Tract
Glomerulus

Liver
Pancreas
Thyroid

Follicle

Cortical Adenoma
Postmortem Change
Amyloidosis
Nephropathy
Necrosis, Focal
Lipoidosis
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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_073

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large
Kidney
Lymph node
Pancreas
Penis

Gastrointestinal Tract
Cortex

Postmortem Change
Infarct, Nos
Hyperplasia, Nos
Lipoidosis
Cyst, Epidermal Inclusion

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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_081

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis
Seminal vesicle
Testis
Unspecified

Multiple Organs Nos

Aspermatogenesis
Abscess, Nos
Spermatogenic Arrest
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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_082

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Epididymis

Heart

Kidney

Liver

Lymph node

Pancreas

Pituitary gland

Testis

Thyroid

Unspecified

Mitral Valve Nos

Bile Duct

Multiple Organs Nos

Cortical Adenoma

Aspermatogenesis

Inflammation, Chronic

Nephropathy

Inflammation, Nos

Hyperplasia, Nos

Lipoidosis

Cytoplasmic Vacuolization

Spermatogenic Arrest

Amyloidosis

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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_083

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large
Kidney
Liver

Gastrointestinal Tract

Postmortem Change

Lymph node
Pancreas
Pituitary gland
Thymus
Unspecified

Bile Duct
Cervical Lymph Node Nos

Nephropathy
Cirrhosis, Portal
Inflammation, Nos
Hyperplasia, Nos
Lipoidosis
Cytoplasmic Vacuolization
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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_091

TRT#: 1
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis		Aspermatogenesis Cast, Nos
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Intestinal Tract	Inflammation, Acute
Intestine Small	Ileum	Regeneration, Incomplete
Kidney		Nephropathy Pyelonephritis, Suppurative
Liver	Centrilobular	Congestion, Passive Necrosis, Focal
Lung	Alveoli	Histiocytosis
Pancreas	Acinus	Atrophy, Nos Dilatation, Ducts
Prostate		Inflammation, Chronic
Spleen		Hematopoiesis
Testis		Spermatogenic Arrest
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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_092

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cortical Adenoma

Intestine Large

Gastrointestinal Tract

Hyperplasia, Focal

Kidney

Postmortem Change

Liver

Nephropathy

Lung

Inflammation, Acute Focal

Thyroid

Follicle

Congestion, Nos

Urinary bladder

Atrophy, Nos

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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_101

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis		Aspermatogenesis
Intestine Large	Gastrointestinal Tract	Inflammation, Acute Suppurative
	Gastrointestinal Tract	Postmortem Change
Kidney		Glomerulonephritis, Acute
		Postmortem Change
Lymph node		Hyperplasia, Nos
Prostate		Retention Of Content
Seminal vesicle		Retention Of Content
Testis		Hyperplasia, Interstitial Cell
		Spermatogenic Arrest

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_102

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Epididymis		Aspermatogenesis
Intestine Large	Cecum, Colon	Inflammation, Acute Suppurative
	Gastrointestinal Tract	Postmortem Change
Kidney		Nephropathy
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos
Spleen		Hypoplasia, Nos
Testis		Hyperplasia, Interstitial Cell
		Spermatogenic Arrest
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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_103

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis		Aspermatogenesis
		Cast, Nos
Intestine Large	Anus Nos	Cyst, Epidermal Inclusion
	Gastrointestinal Tract	Postmortem Change
Kidney		Nephropathy
Liver		Cyst, Multiple
	Bile Duct	Dilatation, Nos
Spleen		Hypoplasia, Nos
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	Hyperkeratosis
Testis		Hyperplasia, Interstitial Cell
		Spermatogenic Arrest
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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_111

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver	Centrilobular	Congestion, Passive
Lung		Inflammation, Chronic Diffuse
Pancreas	Islets	Islet-Cell Adenoma
		Lipoidosis

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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_112

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis
Intestine Large
Lymph node
Stomach

Gastrointestinal Tract
Mesenteric Lymph Node
Cardiac Stomach
Cardiac Stomach

Testis
Thymus
Thyroid

Cast, Nos
Postmortem Change
Hyperplasia, Nos
Acanthosis
Hyperkeratosis
Spermatogenic Arrest
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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_113

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large

Colon

Abscess, Nos

Kidney

Colon

Intussusception

Liver

Nephropathy

Pituitary gland

Cirrhosis, Portal

Spleen

Cytoplasmic Vacuolization

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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_121

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Hemorrhage
Bone marrow		Aplasia, Hematopoietic
Epididymis		Aspermatogenesis
Intestine Large	Gastrointestinal Tract	Postmortem Change
Liver	Centrilobular	Congestion, Passive
		Necrosis, Focal
Lung	Alveoli	Histiocytosis
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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_122

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Epididymis

Aspermatogenesis

Kidney

Glomerulus

Amyloidosis

Nephropathy

Pancreas

Pelvis

Nephrosis, Hydro

Islets

Islet-Cell Adenoma

Lipoidosis

Testis

Hyperplasia, Interstitial Cell

Spermatogenic Arrest

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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_123

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Thymus
Thyroid
Unspecified

Multiple Organs 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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_131

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis
Intestine Large

Kidney

Lung
Lymph node
Prostate
Seminal vesicle

Gastrointestinal Tract
Gastrointestinal Tract
Tubule
Cortex

Aspermatogenesis
Inflammation, Suppurative
Postmortem Change
Cytoplasmic Vacuolization
Infarct, Healed
Nephropathy
Inflammation, Interstitial
Hyperplasia, Nos
Retention Of Content
Retention Of Content

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_132

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large
Kidney
Liver
Lung
Lymph node
Pancreas
Spleen
Unspecified
Urinary bladder

Gastrointestinal Tract
Cortex

Alveoli
Cervical Lymph Node Nos

Multiple Organs Nos

Postmortem Change
Infarct, Nos
Cirrhosis, Portal
Histiocytosis
Hyperplasia, Nos
Lipoidosis
Hypoplasia, 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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_133

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Large

Myocardium Nos
Large Intestine, Colon
Large Intestine, Colon

Kidney
Lung
Pancreas
Skin
Spleen
Thymus
Thyroid
Unspecified

Follicle
Multiple Organs Nos

Cortical Carcinoma
Mineralization
Inflammation, Chronic
Nematodiasis
Nephropathy
Inflammation, Interstitial
Lipoidosis
Inflammation, Chronic
Hypoplasia, Nos
Involution, Nos
Atrophy, 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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_141

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large
Kidney
Lung
Pancreas
Thymus
Thyroid

Gastrointestinal Tract

Postmortem Change
Nephropathy
Inflammation, Interstitial
Lipoidosis
Involution, Nos
Atrophy, Nos

Follicle

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_143

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large
Kidney
Liver
Lung

Medulla
Gastrointestinal Tract

Centrilobular
Alveoli

Hyperplasia, Focal
Postmortem Change
Nephropathy
Congestion, Passive
Histiocytosis

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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_151

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Nephropathy
Lung	Alveoli	Atelectasis
Seminal vesicle		Retention Of Content
Testis		Spermatogenic Arrest
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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_152

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Cortical Adenoma
Heart	Left Atrium Nos	Thrombus, Organized
Kidney	Glomerulus	Amyloidosis
		Nephropathy
Liver	Centrilobular	Congestion, Passive
Lung	Alveoli	Histiocytosis
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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_153

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Epididymis		Aspermatogenesis
Esophagus		Inflammation, Acute
Heart	Myocardium Nos	Parasitism
Intestine Large	Large Intestine, Colon	Inflammation, Acute Diffuse
Intestine Small	Jejunum	Postmortem Change
Kidney		Nephropathy
Liver		Cirrhosis, Portal
Spleen		Hypoplasia, Nos
Stomach	Cardiac Stomach	Acanthosis
	Fundus	Erosion
	Cardiac Stomach	Hyperkeratosis
Testis		Spermatogenic Arrest

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_161

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow
Intestine Large

Lung
Lymph node
Prostate
Seminal vesicle

Gastrointestinal Tract
Gastrointestinal Tract

Congestion, Nos
Inflammation, Acute Suppurative
Postmortem Change
Inflammation, Interstitial
Hyperplasia, Nos
Retention Of Content
Retention Of Content

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_162

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Blood vessel	Brachioceph. Artery	Embolism, Nos
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Gastrointestinal Tract	Postmortem Change
Intestine Small	Ileum	Inflammation, Acute Suppurative
Kidney	Glomerulus	Amyloidosis
		Nephropathy
Liver	Centrilobular	Congestion, Passive
		Cytoplasmic Vacuolization
Lung	Alveoli	Histiocytosis
Penis		Cyst, Epidermal Inclusion
Salivary gland		Cyst, Nos
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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_163

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Congestion, Nos
Epididymis		Aspermatogenesis
Intestine Large	Cecum, Colon	Hyperplasia, Epithelial
	Intestinal Tract	Inflammation, Nos
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos
Pancreas		Lipoidosis
Prostate		Retention Of Content
Seminal vesicle		Retention Of Content
Testis		Spermatogenic Arrest

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_171

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Cortical Adenoma
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney		Nephropathy
Liver	Centrilobular	Congestion, Passive
		Cyst, Nos
Lung	Alveoli	Histiocytosis
Pancreas		Lipoidosis
Prostate		Inflammation, Chronic Focal
Spleen		Hematopoiesis
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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_172

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis
Pancreas
Testis

Spermatocele
Lipoidosis
Spermatogenic Arrest

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_173

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cortical Adenoma

Heart

Left Atrium Nos

Hyperplasia, Focal

Intestine Large

Gastrointestinal Tract

Thrombus, Organized

Kidney

Glomerulus

Postmortem Change

Liver

Centrilobular

Amyloidosis

Nephropathy

Congestion, Passive

Necrosis, Focal

Pancreas

Lipoidosis

Spleen

Cyst, Nos

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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_181

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Epididymis

Aspermatogenesis

Mineralization

Intestine Large

Gastrointestinal Tract

Thrombus, Organized

Inflammation, Nos

Gastrointestinal Tract

Postmortem Change

Lung

Congestion, Nos

Lymph node

Hyperplasia, Nos

Pancreas

Lipoidosis

Prostate

Retention Of Content

Seminal vesicle

Retention Of Content

Spleen

Hypoplasia, Nos

Testis

Spermatogenic Arrest

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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_182

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Epididymis		Aspermatogenesis
Intestine Large	Large Intestine, Colon	Inflammation, Nos
Intestine Small	Ileum	Postmortem Change
Kidney		Nephropathy
Liver		Cirrhosis, Portal
Lymph node		Hyperplasia, Nos
Spleen		Hypoplasia, Nos
Stomach	Cardiac Stomach	Hyperkeratosis
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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_183

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Epididymis		Aspermatogenesis
Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney		Nephropathy
Liver		Cirrhosis, Portal
	Bile Duct	Inflammation, Focal
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos
Pancreas		Lipoidosis
Pituitary gland		Cytoplasmic Vacuolization
Prostate		Inflammation, Acute Suppurative
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	Hyperkeratosis
Testis		Spermatogenic Arrest
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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_201

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large

Cortex Nos
Intestinal Tract
Intestinal Tract

Lymph node
Pancreas
Pituitary gland
Stomach

Cardiac Stomach
Cardiac Stomach
Follicle

Congestion, Nos
Inflammation, Acute
Postmortem Change
Hyperplasia, Nos
Lipoidosis
Cytoplasmic Vacuolization
Acanthosis
Hyperkeratosis
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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_202

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Cortical Adenoma

Heart

Left Atrium Nos

Neurilemoma

Kidney

Thrombus, Organized

Liver

Centrilobular

Nephropathy

Lung

Alveoli

Congestion, Passive

Lymph node

Mesenteric Lymph Node

Histiocytosis

Pancreas

Hyperplasia, Nos

Thymus

Lipoidosis

Thyroid

Involution, 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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_211

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis
Intestine Large
Lung
Lymph node
Testis

Gastrointestinal Tract

Aspermatogenesis
Inflammation, Suppurative
Inflammation, Interstitial
Hyperplasia, Nos
Spermatogenic Arrest

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_212

TRT#: 1
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis		Aspermatogenesis
Kidney	Tubule	Infarct, Healed
	Glomerulus	Inflammation, Acute
Lymph node		Hyperplasia, Nos
Prostate		Retention Of Content
Seminal vesicle		Retention Of Content
Testis		Spermatogenic Arrest

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_213

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large
Intestine Small
Kidney
Liver

Large Intestine, Colon
Ileum

Inflammation, Chronic Focal
Postmortem Change
Nephropathy
Congestion, Nos
Necrosis, Nos
Congestion, Nos
Necrosis, Focal
Amyloidosis

Lung
Salivary gland
Spleen

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_221

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Epididymis

Intestine Small

Ileum

Ileum

Kidney

Liver

Testis

Thymus

Unspecified

Multiple Organs Nos

Urinary bladder

Pheochromocytoma

Aspermatogenesis

Inflammation, Chronic

Regeneration, Incomplete

Nephropathy

Cirrhosis, Portal

Spermatogenic Arrest

Involution, Nos

Amyloidosis

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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_222

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Epididymis

Cortex Nos

Amyloidosis
Aspermatogenesis
Granuloma, Spermatic

Heart
Kidney

Left Atrium Nos

Thrombus, Organized
Nephropathy

Liver
Lung

Centrilobular
Alveoli

Congestion, Passive
Histiocytosis

Pancreas
Spleen

Lipoidosis
Hematopoiesis

Stomach
Testis

Cardiac Stomach

Hyperplasia, Papillary
Spermatogenic Arrest

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_223

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Epididymis		Aspermatogenesis
Heart	Mitral Valve Nos	Inflammation, Chronic
Intestine Large	Gastrointestinal Tract	Postmortem Change
Intestine Small	Jejunum	Inflammation, Chronic
	Jejunum	Regeneration, Incomplete
Kidney		Nephropathy
Liver		Cirrhosis, Portal
Spleen		Hypoplasia, Lymphoid
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	Hyperkeratosis
Testis		Spermatogenic Arrest
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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_231

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Mitral Valve Nos	Inflammation, Proliferative
Intestine Large	Large Intestine, Colon	Inflammation, Nos
Intestine Small	Ileum	Postmortem Change
Lung		Congestion, Nos
Lymph node		Hyperplasia, Nos
Thymus		Involution, Nos
Thyroid	Follicle	Atrophy, 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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_232

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Epididymis

Intestine Large

Kidney

Liver

Spleen

Stomach

Testis

Unspecified

Colon

Gastrointestinal Tract

Cardiac Stomach

Cardiac Stomach

Multiple Organs Nos

Aspermatogenesis

Inflammation, Chronic

Postmortem Change

Nephropathy

Cirrhosis, Portal

Hypoplasia, Nos

Acanthosis

Hyperkeratosis

Spermatogenic Arrest

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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_233

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large

Cecum, Colon
Large Intestine, Colon
Gastrointestinal Tract

Granuloma, Nos
Inflammation, Chronic
Postmortem Change

Kidney

Nephropathy

Liver

Cirrhosis, Portal
Cytoplasmic Vacuolization
Hemangiosarcoma
Necrosis, Focal

Pancreas

Lipoidosis

Prostate

Inflammation, Acute Suppurative

Spleen

Hemangiosarcoma

Thymus

Hematopoiesis

Unspecified

Multiple Organs Nos

Involution, Nos

Urinary bladder

Amyloidosis

Hyperplasia, Papillary

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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_242

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Dilatation, Nos
Heart	Myocardium Nos	Metaplasia, Osseous
Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney		Nephropathy
Liver		Cyst, Nos
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos
Pancreas		Lipoidosis
Pituitary gland		Cytoplasmic Vacuolization
Stomach	Fundus	Ulcer, 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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_243

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Epididymis		Aspermatogenesis
Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney		Nephropathy
Liver		Cirrhosis, Portal
	Bile Duct	Inflammation, Nos
Lung		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos
Pancreas		Lipoidosis
Prostate		Hyperplasia, Epithelial
Seminal vesicle		Retention Of Content
Spleen		Hypoplasia, Nos
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	Hyperkeratosis
Testis		Hyperplasia, Interstitial Cell
		Spermatogenic Arrest
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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_251

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis		Aspermatogenesis
Intestine Large	Intestinal Tract	Postmortem Change
Intestine Small	Ileum	Inflammation, Nos
Lung		Inflammation, Interstitial
Pancreas		Lipoidosis
Testis		Spermatogenic Arrest

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_252

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large
Kidney
Liver

Gastrointestinal Tract

Centrilobular

Lung
Pancreas
Pituitary gland
Thyroid

Alveoli

Follicle

Pheochromocytoma
Postmortem Change
Nephropathy
Congestion, Passive
Cyst, Multiple
Necrosis, Focal
Histiocytosis
Lipoidosis
Cytoplasmic Vacuolization
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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_253

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Amyloidosis

Heart

Cortex Nos

Hyperplasia, Focal

Intestine Large

Left Atrium Nos

Thrombus, Organized

Pericolonic Tissue, Colon

Inflammation, Pyogranulomatous

Gastrointestinal Tract

Postmortem Change

Kidney

Nephropathy

Liver

Angiectasis

Lung

Alveoli

Cyst, Nos

Lymph node

Cervical Lymph Node Nos

Histiocytosis

Pancreas

Congestion, Nos

Prostate

Lipoidosis

Thyroid

Follicle

Inflammation, Acute Suppurative

Atrophy, Diffuse

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_261

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large
Lung
Lymph node
Pancreas
Thyroid

Cortex Nos
Intestinal Tract

Mesenteric Lymph Node

Follicle

Lipoidosis
Inflammation, Nos
Inflammation, Interstitial
Hyperplasia, Nos
Lipoidosis
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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_262

TRT#: 1
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Lung
Lymph node
Prostate
Seminal vesicle
Spleen

Red Pulp

Dilatation, Nos
Inflammation, Interstitial
Hyperplasia, Nos
Retention Of Content
Retention Of Content
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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_263

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis, Focal
	Mitral Valve Nos	Inflammation, Chronic
Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney		Nephropathy
Liver		Cirrhosis, Portal
	Centrilobular	Congestion, Passive
Lung		Pneumonia, Interstitial Chronic
Pancreas		Lipoidosis
Seminal vesicle		Abscess, Nos
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	Hyperkeratosis
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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_271

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis
Intestine Large

Gastrointestinal Tract
Gastrointestinal Tract

Lung
Lymph node
Prostate
Seminal vesicle
Testis
Unspecified

Abdominal Viscera

Aspermatogenesis
Inflammation, Suppurative
Postmortem Change
Inflammation, Interstitial
Hyperplasia, Nos
Retention Of Content
Retention Of Content
Spermatogenic Arrest
Hernia, 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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_272

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Aplasia, Hematopoietic
Epididymis		Oligospermia
Kidney		Nephropathy
Liver		Cirrhosis, Portal
Pituitary gland		Cytoplasmic Vacuolization
Spleen		Hypoplasia, Nos
Testis		Spermatogenic Arrest
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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_273

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large

Medulla
Cecum, Colon
Rectum
Large Intestine, Colon
Cecum, Colon

Hyperplasia, Focal
Hyperplasia, Epithelial
Hyperplasia, Polypoid
Inflammation, Acute Suppurative
Inflammation, Chronic

Intestine Small
Kidney
Liver

Ileum

Centrilobular

Inflammation, Acute Hemorrhagic
Nephropathy
Congestion, Passive
Cytoplasmic Vacuolization

Lymph node
Pancreas
Salivary gland
Spleen
Thymus
Unspecified

Mesenteric Lymph Node
Acinus

Multiple Organs Nos

Abscess, Nos
Cyst, Multiple
Inflammation, Focal
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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_281

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain	Cerebellum Nos	Cytoplasmic Vacuolization Gliosis
Heart	Left Atrium Nos	Thrombus, Organized
Kidney	Cortex	Adenocarcinoma, Nos Nephropathy
Liver	Centrilobular	Congestion, Passive
Lymph node		Hyperplasia, Nos Plasma-Cell Tumor
Pituitary gland		Cytoplasmic Vacuolization
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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_282

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Lymph node

Pancreas

Pituitary gland

Unspecified

Left Atrium Nos

Centrilobular

Bile Duct

Alveoli

Multiple Organs Nos

Hyperplasia, Focal

Thrombus, Organized

Nephropathy

Congestion, Passive

Dilatation, Nos

Histiocytosis

Hyperplasia, Nos

Dilatation, Ducts

Lipoidosis

Cytoplasmic Vacuolization

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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_283

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Pancreas
Thyroid

Lipoidosis
Hyperplasia, C 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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_292

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
	Zona Glomerulosa	Metaplasia, Nos
Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney		Nephropathy
Liver	Centrilobular	Congestion, Passive
		Necrosis, Focal
Lung	Alveoli	Histiocytosis
Lymph node	Cervical Lymph Node Nos	Hyperplasia, Nos
Seminal vesicle		Inflammation, Chronic
		Mineralization
Skin		Acariasis
		Inflammation, Chronic
Spleen		Hematopoiesis
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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_293

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large

Intestinal Tract
Gastrointestinal Tract
Centrilobular

Inflammation, Acute
Postmortem Change
Congestion, Passive
Cyst, Nos

Liver

Bile Duct

Inflammation, Nos
Congestion, Nos

Lung

Lymph node

Mesenteric Lymph Node

Hyperplasia, Nos

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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_301

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow
Epididymis

Intestine Large
Lung
Lymph node
Testis

Gastrointestinal Tract

Congestion, Nos
Aspermatogenesis
Spermatocele
Inflammation, Acute Diffuse
Inflammation, Interstitial
Hyperplasia, Nos
Hyperplasia, Interstitial Cell
Spermatogenic Arrest

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_302

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Epididymis

Heart

Intestine Large

Kidney

Liver

Lung

Prostate

Seminal vesicle

Spleen

Testis

Myocardium Nos

Gastrointestinal Tract

Aspermatogenesis

Necrosis, Focal

Postmortem Change

Nephropathy

Cirrhosis, Portal

Emphysema, Alveolar

Inflammation, Acute

Inflammation, Acute Suppurative

Hypoplasia, Nos

Abscess, Nos

Inflammation, Chronic

Spermatogenic Arrest

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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_303

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel	Ascending Aorta	Atherosclerosis
Epididymis		Aspermatogenesis
Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney		Nephropathy
Liver		Cirrhosis, Portal
	Bile Duct	Dilatation, Nos
Lung		Inflammation, Interstitial
Spleen		Hypoplasia, Nos
Testis		Spermatogenic Arrest
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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_311

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Epididymis		Inflammation, Chronic Focal
Gall bladder		Calculus, Unknown Gross Or Micro
Heart	Left Atrium Nos	Thrombus, Organized
Kidney		Nephropathy
Lung	Alveoli	Histiocytosis
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_312

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel	Abdominal Aorta	Atherosclerosis
Epididymis		Aspermatogenesis
Heart	Mitral Valve Nos	Inflammation, Chronic
	Myocardium Nos	Necrosis, Focal
Kidney		Nephropathy
Liver		Cirrhosis, Portal
Salivary gland		Abscess, Nos
Spleen		Hypoplasia, Nos
Testis		Spermatogenic Arrest
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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_313

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Blood vessel	Aorta Nos	Atherosclerosis
Epididymis		Aspermatogenesis
Intestine Large	Anus Nos	Cyst, Epidermal Inclusion
	Gastrointestinal Tract	Postmortem Change
Kidney		Nephropathy
Prostate		Inflammation, Acute Suppurative
Seminal vesicle		Inflammation, Acute Suppurative
Spleen		Hypoplasia, Nos
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	Hyperkeratosis
		Inflammation, Chronic
Testis		Spermatogenic Arrest
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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_321

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic Focal
Intestine Large	Intestinal Tract	Postmortem Change
Kidney		Nephropathy
Liver		Cirrhosis, Portal
		Necrosis, Nos
Lung	Alveoli	Inflammation, Chronic Focal
Pancreas		Postmortem Change
Testis		Spermatogenic Arrest
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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_322

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow		Congestion, Nos
Gall bladder		Calculus, Unknown Gross Or Micro
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Small	Ileum	Inflammation, Suppurative
Kidney	Glomerulus	Amyloidosis
		Infarct, Nos
		Nephropathy
Liver		Cirrhosis, Portal
	Portal Tract	Degeneration, Hyaline
Lung		Epithelialization
		Hyperplasia, Adenomatous
		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Spleen	Red Pulp	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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_323

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Cecum, Colon	Postmortem Change
Intestine Small	Mesentery Nos	Inflammation, Acute Suppurative
Kidney		Nephropathy
Liver		Cirrhosis, Portal
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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_331

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney		Nephropathy
Liver	Hepatic Lobule	Lymphocytic Inflammatory Infiltrate
Lung	Alveoli	Histiocytosis
Pancreas		Lipoidosis
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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_332

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large

Perianal Tissue
Intestinal Tract

Hyperplasia, Nos
Postmortem Change
Inflammation, Suppurative
Nephropathy
Congestion, Nos
Cytoplasmic Vacuolization
Spermatogenic Arrest
Hyperplasia, Epithelial

Kidney

Liver

Testis

Urinary bladder

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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_333

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Epididymis
Heart
Intestine Large
Kidney
Lung
Lymph node
Pancreas

Testis
Urinary bladder

Gastrointestinal Tract

Alveoli

Mesenteric Lymph Node

Hyperplasia, Focal
Aspermatogenesis
Dilatation, Nos
Postmortem Change
Nephrosis, Hydro
Histiocytosis
Hyperplasia, Nos
Dilatation, Ducts
Lipoidosis
Spermatogenic Arrest
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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_342

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Congestion, Nos
Intestine Large	Gastrointestinal Tract	Inflammation, Suppurative
	Gastrointestinal Tract	Postmortem Change
Kidney		Infarct, Healed
		Mineralization
Liver		Nephropathy
		Cirrhosis, Portal
		Inflammation, Acute Diffuse
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Urinary bladder		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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_343

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Epididymis		Aspermatogenesis
Gall bladder		Hyperplasia, Polypoid
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Colon	Hyperplasia, Polypoid
Kidney	Glomerulus	Amyloidosis
		Nephropathy
Liver	Centrilobular	Congestion, Passive
		Cyst, Multiple
Lung		Pneumonia, Interstitial Chronic
Prostate		Inflammation, Acute Suppurative
Seminal vesicle		Inflammation, Acute Suppurative
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	Hyperkeratosis
Testis		Spermatogenic Arrest
Thyroid	Follicle	Atrophy, Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_351

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis
Intestine Large

Gastrointestinal Tract
Gastrointestinal Tract

Lung
Lymph node
Pancreas
Prostate
Seminal vesicle

Aspermatogenesis
Inflammation, Suppurative
Postmortem Change
Inflammation, Interstitial
Hyperplasia, Nos
Lipoidosis
Retention Of Content
Retention Of Content

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_352

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Small
Kidney
Liver

Lung
Lymph node
Pancreas
Pituitary gland
Spleen
Thymus

Medulla
Left Atrium Nos
Duodenum

Centrilobular

Alveoli
Mesenteric Lymph Node

Hyperplasia, Focal
Thrombus, Organized
Ulcer, Nos
Nephropathy
Congestion, Passive
Necrosis, Focal
Histiocytosis
Hyperplasia, Nos
Lipoidosis
Cytoplasmic Vacuolization
Hematopoiesis
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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_353

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Mitral Valve Nos	Inflammation, Proliferative
	Mitral Valve Nos	Thrombosis, Nos
Intestine Large	Serosa, Colon	Abscess, Nos
Kidney		Nephropathy
Liver		Cirrhosis, Portal
Lung	Alveoli	Histiocytosis
Lymph node	Thoracic Lymph Node	Hyperplasia, Nos
Pancreas		Lipoidosis
Stomach	Fundus	Erosion
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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_361

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Blood vessel	Aorta Nos	Thrombosis, Nos
Intestine Large	Gastrointestinal Tract	Postmortem Change
Liver	Bile Duct	Inflammation, Nos
Pancreas		Lipoidosis
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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_362

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart		Dilatation, Nos
	Left Atrium Nos	Thrombus, Organized
Kidney		Nephropathy
Lung		Inflammation, Interstitial

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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_363

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Kidney	Cortex	Infarct, Nos
Liver		Cyst, Multiple
Lung	Alveoli	Histiocytosis
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Pituitary gland		Cytoplasmic Vacuolization
Seminal vesicle		Inflammation, Chronic Focal
Skin		Acariasis
		Inflammation, Chronic
Spleen		Hemangioma
		Hematopoiesis
Thymus		Involution, Nos
Thyroid		C-Cell Adenoma
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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_371

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis Pheochromocytoma
Kidney		Nephropathy
Liver		Cyst, Multiple
	Bile Duct	Inflammation, Nos
	Hepatic Lobule	Lymphocytic Inflammatory Infiltrate
Lung		Inflammation, Interstitial
Pancreas	Islets	Islet-Cell Adenoma
		Lipoidosis
Stomach	Cardiac Stomach	Acanthosis
	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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_372

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis
Intestine Large

Gastrointestinal Tract
Gastrointestinal Tract
Centrilobular

Liver
Lung
Lymph node
Testis

Aspermatogenesis
Inflammation, Acute Diffuse
Postmortem Change
Hepatocytomegaly
Inflammation, Interstitial
Hyperplasia, Nos
Hyperplasia, Interstitial Cell
Spermatogenic Arrest

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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_373

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large

Colon
Intestinal Tract

Inflammation, Nos
Postmortem Change
Hematopoiesis
Spermatogenic Arrest

Spleen

Testis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_381

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Congestion, Nos
Epididymis		Aspermatogenesis
Intestine Large	Intestinal Tract	Inflammation, Nos
Lymph node		Hyperplasia, Nos
Prostate		Retention Of Content
Seminal vesicle		Retention Of Content
Skin		Scar
Testis		Spermatogenic Arrest

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_382

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large
Intestine Small
Kidney
Liver

Gastrointestinal Tract
Ileum

Lung
Lymph node
Pancreas
Prostate
Seminal vesicle
Spleen
Testis

Postmortem Change
Inflammation, Nos
Glomerulonephritis, Acute
Cytoplasmic Vacuolization
Inflammation, Acute
Inflammation, Interstitial
Hyperplasia, Nos
Lipoidosis
Retention Of Content
Retention Of Content
Hyperplasia, Nos
Hyperplasia, Interstitial Cell
Spermatogenic Arrest

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_383

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large
Kidney

Gastrointestinal Tract
Glomerulus

Postmortem Change
Amyloidosis
Nephropathy
Hypoplasia, Lymphoid
Involution, Nos
Hyperplasia, Papillary

Spleen
Thymus
Urinary bladder

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_391

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow
Intestine Large

Gastrointestinal Tract
Gastrointestinal Tract

Liver
Lung

Congestion, Nos
Inflammation, Suppurative
Postmortem Change
Inflammation, Acute Pustular
Inflammation, Acute Suppurative
Inflammation, Interstitial
Hyperplasia, Nos
Retention Of Content
Retention Of Content

Lymph node
Prostate
Seminal vesicle

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_392

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large

Large Intestine, Colon
Intestinal Tract

Inflammation, Chronic Focal
Postmortem Change

Lung
Stomach

Cardiac Stomach
Cardiac Stomach

Congestion, Nos
Acanthosis

Testis
Thyroid

Hyperkeratosis
Degeneration, Nos
Cystic Follicles

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_393

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Cortex Nos	Dilatation, Nos Hyperplasia, Focal Granuloma, Spermatic Edema, Nos
Epididymis		Dilatation, Nos
Gall bladder		Thrombus, Organized
Heart		Congestion, Passive
Liver	Left Atrium Nos Centrilobular	Cyst, Multiple Necrosis, Focal
Lung	Alveoli	Histiocytosis
Prostate		Inflammation, Chronic
Spleen		Hematopoiesis
Stomach	Cardiac Stomach Cardiac Stomach	Acanthosis 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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_401

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large	Colon	Sarcoma, Nos, Metastatic
Kidney		Nephropathy
Liver	Kupffer Cell	Pigmentation, Nos
Lung	Alveoli	Histiocytosis
Pancreas		Lipoidosis
Stomach	Cardiac Stomach	Squamous Cell Papilloma
Thymus		Involution, Nos
Thyroid		Hyperplasia, C Cell
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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_403

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Dilatation, Nos

Epididymis

Aspermatogenesis

Heart

Mitral Valve Nos

Inflammation, Proliferative

Mitral Valve Nos

Thrombosis, Nos

Intestine Small

Ileum

Postmortem Change

Liver

Cirrhosis, Portal

Lung

Inflammation, Interstitial

Pancreas

Lipoidosis

Prostate

Inflammation, Acute Suppurative

Seminal vesicle

Inflammation, Acute Suppurative

Spleen

Hypoplasia, Nos

Testis

Spermatogenic Arrest

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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_411

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large
Liver
Lung

Intestinal Tract

Postmortem Change
Hematopoiesis
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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_412

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Intestinal Tract

Postmortem Change

Kidney

Nephropathy

Liver

Cirrhosis, Portal

Lung

Alveoli

Histiocytosis

Lymph node

Mesenteric 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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_413

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland Epididymis	Cortex Nos	Amyloidosis Aspermatogenesis Inflammation, Acute Suppurative Inflammation, Chronic
Intestine Large Kidney	Colon	Intussusception Nephropathy
Liver Spleen Stomach	Pelvis	Nephrosis, Hydro Cirrhosis, Portal Hypoplasia, Nos
Testis	Cardiac Stomach Cardiac Stomach	Acanthosis Hyperkeratosis Inflammation, Nos Spermatogenic Arrest
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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_421

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large	Colon	Ulcer, Chronic
Intestine Small	Ileum	Inflammation, Chronic
	Intestinal Villus, Ileum	Regeneration, Incomplete
Kidney		Nephropathy
Liver		Angiectasis
		Cirrhosis, Portal
Stomach		Cyst, Nos
		Acanthosis
		Calcification, Focal
		Hyperkeratosis
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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_422

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Epididymis

Medulla

Hyperplasia, Focal

Cast, Nos

Oligospermia

Kidney

Nephropathy

Lung

Inflammation, Interstitial

Lymph node

Hyperplasia, Nos

Pancreas

Lipoidosis

Penis

Cyst, Epidermal Inclusion

Testis

Spermatogenic Arrest

Thymus

Involution, Nos

Unspecified

Multiple Organs Nos

Amyloidosis

Urinary bladder

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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_441

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis		Aspermatogenesis
Intestine Large	Intestinal Tract	Inflammation, Acute Suppurative
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Testis		Hyperplasia, Interstitial Cell
		Spermatogenic Arrest
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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_442

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Epididymis		Oligospermia
Intestine Large	Large Intestine, Colon Intestinal Tract	Inflammation, Acute Focal Postmortem Change
Kidney		Nephropathy
Liver	Centrilobular	Congestion, Passive Necrosis, Nos
Lung	Alveoli	Histiocytosis
Lymph node		Hyperplasia, Nos
Pituitary gland		Degeneration, Hyaline
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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_443

TRT#: 1
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis	Aspermatogenesis
Lung	Inflammation, Interstitial
Lymph node	Hyperplasia, Nos
Skin	Hyperplasia, Epithelial
	Inflammation, Chronic
Testis	Hyperplasia, Interstitial Cell
	Spermatogenic Arrest

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_451

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Nephropathy
Liver		Cirrhosis, Portal
	Centrilobular	Metamorphosis, Fatty
Lung	Alveoli	Histiocytosis
Testis		Spermatogenic Arrest
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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_452

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Epididymis		Aspermatogenesis
Heart	Myocardium Nos	Metaplasia, Osseous
Intestine Small	Ileum	Inflammation, Acute
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Pituitary gland		Cytoplasmic Vacuolization
Testis		Hyperplasia, Interstitial Cell
		Spermatogenic Arrest
Thymus		Involution, Nos
Thyroid	Follicle	Atrophy, Nos
		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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_453

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland		Hyperplasia, Focal
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Serosa, Colon	Inflammation, Chronic Focal
	Gastrointestinal Tract	Postmortem Change
Kidney		Nephropathy
Liver	Centrilobular	Congestion, Passive
	Bile Duct	Cyst, Multiple
		Dilatation, Nos
		Necrosis, Focal
Lung	Alveoli	Histiocytosis
Pancreas		Lipoidosis
Pituitary gland		Cytoplasmic Vacuolization
Seminal vesicle		Inflammation, Chronic
		Mineralization
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_011

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large
Kidney
Liver
Lung
Pancreas
Seminal vesicle

Medulla
Gastrointestinal Tract

Centrilobular

Hyperplasia, Focal
Postmortem Change
Nephropathy
Congestion, Passive
Emphysema, Alveolar
Lipoidosis
Inflammation, Chronic
Mineralization

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_012

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney
Liver

Cortex Nos
Left Atrium Nos

Amyloidosis
Thrombus, Organized
Nephropathy
Cyst, Multiple
Inflammation, Acute
Necrosis, Focal
Histiocytosis
Lipoidosis
Cytoplasmic Vacuolization
Acanthosis
Hyperkeratosis
Involution, Nos

Lung
Pancreas
Pituitary gland
Stomach

Thymus

Alveoli

Cardiac Stomach
Cardiac Stomach

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_021

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Kidney

Medulla

Hyperplasia, Nos

Liver

Nephropathy

Pancreas

Cyst, Multiple

Seminal vesicle

Dilatation, Ducts

Spleen

Inflammation, Chronic

Unspecified

Multiple Organs Nos

Mineralization

Urinary bladder

Hypoplasia, Lymphoid

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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_022

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney		Nephropathy
Liver	Centrilobular	Congestion, Passive
Lung	Alveoli	Histiocytosis
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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_023

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
	Medulla	Hyperplasia, Focal
Epididymis		Aspermatogenesis
Gall bladder		Edema, Nos
Heart		Dilatation, Nos
Intestine Large	Anus Nos	Cyst, Epidermal Inclusion
Kidney		Nephropathy
Liver		Cirrhosis, Portal
	Bile Duct	Dilatation, Nos
	Hepatic Lobule	Necrosis, Focal
Lymph node		Hyperplasia, Nos
Pituitary gland		Cytoplasmic Vacuolization
Spleen	Red Pulp	Angiectasis
Stomach	Cardiac Stomach	Squamous Cell Papilloma
Testis		Spermatogenic Arrest
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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_032

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Epididymis		Aspermatogenesis
Kidney		Nephropathy
Liver	Bile Duct	Inflammation, Nos
Lung	Alveoli	Histiocytosis
Pancreas		Lipoidosis
Spleen		Hematopoiesis
Testis		Hyperplasia, Interstitial Cell
		Spermatogenic Arrest
Urinary bladder		Edema, 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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_033

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Large
Kidney
Liver

Left Atrium Nos
Gastrointestinal Tract

Hemorrhage
Thrombus, Organized
Postmortem Change
Nephropathy
Cyst, Nos
Necrosis, Focal
Histiocytosis
Inflammation, Acute Hemorrhagic
Amyloidosis

Lung
Seminal vesicle
Unspecified

Alveoli
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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_042

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis		Aspermatogenesis
		Granuloma, Spermatic
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Focal
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos
Seminal vesicle		Inflammation, Acute Suppurative
Spleen		Hypoplasia, Nos
Testis		Spermatogenic Arrest
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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_043

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland Epididymis	Cortex Nos	Hyperplasia, Focal Abscess, Nos Aspermatogenesis Granuloma, Spermatic
Intestine Large	Intestinal Tract Gastrointestinal Tract	Inflammation, Acute Postmortem Change
Lymph node Parathyroid gland Prostate Seminal vesicle Testis		Hyperplasia, Nos Hyperplasia, Nos Inflammation, Acute Suppurative Inflammation, Acute Suppurative Hyperplasia, Interstitial Cell Spermatogenic Arrest
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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_051

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephropathy
Liver		Cirrhosis, Portal
Lymph node	Mesenteric Lymph Node	Postmortem Change
Pancreas		Lipoidosis
Peritoneum		Inflammation, Diffuse
Spleen		Hypoplasia, Lymphoid
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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_052

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Dilatation, Nos
Intestine Large	Anus Nos	Cyst, Epidermal Inclusion
	Gastrointestinal Tract	Postmortem Change
Kidney		Nephropathy
Liver		Cirrhosis, Portal
		Cyst, Multiple
Lung	Alveoli	Inflammation, Acute Diffuse
Spleen		Hematopoiesis
Thyroid		C-Cell Adenoma
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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_053

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis
Intestine Large
Kidney
Liver
Pancreas
Pituitary gland
Unspecified

Gastrointestinal Tract

Multiple Organs Nos

Oligospermia
Postmortem Change
Nephropathy
Cirrhosis, Portal
Lipoidosis
Cytoplasmic Vacuolization
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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_061

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Zona Glomerulosa

Cortical Adenoma

Epididymis

Metaplasia, Nos

Aspermatogenesis

Heart

Left Atrium Nos

Cast, Nos

Thrombus, Organized

Intestine Large

Gastrointestinal Tract

Postmortem Change

Kidney

Nephropathy

Liver

Centrilobular

Congestion, Passive

Cyst, Multiple

Lung

Alveoli

Histiocytosis

Spleen

Hematopoiesis

Testis

Hyperplasia, Interstitial Cell

Spermatogenic Arrest

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_062

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
	Cortex Nos	Hyperplasia, Focal
Epididymis		Aspermatogenesis
		Cast, Nos
Kidney		Nephropathy
Liver	Centrilobular	Congestion, Passive
		Cyst, Multiple
		Necrosis, Focal
Lung	Alveoli	Histiocytosis
Pancreas	Duct Nos	Dilatation, Nos
Pituitary gland		Cytoplasmic Vacuolization
Prostate		Inflammation, Chronic
Testis		Spermatogenic Arrest
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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_063

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow		Aplasia, Hematopoietic
Epididymis		Oligospermia
Heart	Myocardium Nos	Metaplasia, Osseous
Intestine Large	Intestinal Tract	Postmortem Change
Kidney		Nephropathy
Liver		Cirrhosis, Portal
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Pituitary gland		Cytoplasmic Vacuolization
		Degeneration, Hyaline
Spleen		Hemorrhage
		Hypoplasia, Nos
Testis		Hyperplasia, Interstitial Cell
		Spermatogenic Arrest
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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_071

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Gastrointestinal Tract

Postmortem Change

Kidney

Nephropathy

Liver

Centrilobular

Congestion, Passive

Cyst, Multiple

Necrosis, Focal

Salivary gland

Abscess, 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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_072

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
	Medulla	Hyperplasia, Focal
Kidney		Nephropathy
Liver		Cirrhosis, Portal
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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_073

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis		Granuloma, Spermatic
Gall bladder		Calculus, Unknown Gross Or Micro
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney		Nephropathy
Liver	Centrilobular	Cirrhosis, Portal
		Congestion, Passive
		Necrosis, Focal
Lung	Alveoli	Histiocytosis
Lymph node	Cervical Lymph Node Nos	Hyperplasia, Nos
Pancreas		Lipoidosis
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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_081

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Large
Kidney

Medulla
Left Atrium Nos
Gastrointestinal Tract
Cortex

Hyperplasia, Focal
Thrombus, Organized
Postmortem Change
Infarct, Nos
Nephropathy

Lung
Pancreas
Spleen
Thymus
Unspecified

Alveoli

Multiple Organs Nos

Histiocytosis
Lipoidosis
Hypoplasia, Nos
Involution, Nos
Amyloidosis
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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_082

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis		Aspermatogenesis
		Cast, Nos
Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney		Nephropathy
Liver		Cirrhosis, Portal
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Prostate		Inflammation, Chronic
Spleen		Hypoplasia, Nos
Testis		Hyperplasia, Interstitial Cell
		Spermatogenic Arrest
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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_083

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large
Seminal vesicle

Gastrointestinal Tract

Postmortem Change
Inflammation, Chronic
Mineralization

Thymus
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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_091

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Epididymis

Aspermatogenesis

Heart

Mitral Valve Nos

Cast, Nos

Myocardium Nos

Inflammation, Chronic

Left Ventricle Nos

Necrosis, Focal

Intestine Large

Pericolonic Tissue, Colon

Thrombosis, Nos

Gastrointestinal Tract

Inflammation, Pyogranulomatous

Postmortem Change

Kidney

Nephropathy

Lung

Alveoli

Histiocytosis

Lymph node

Mesenteric Lymph Node

Hyperplasia, Nos

Pancreas

Lipoidosis

Salivary gland

Inflammation, Focal

Seminal vesicle

Inflammation, Chronic

Spleen

Hypoplasia, Nos

Testis

Hyperplasia, Interstitial Cell

Thymus

Spermatogenic Arrest

Unspecified

Multiple Organs Nos

Involution, Nos

Urinary bladder

Amyloidosis

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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_092

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Epididymis

Calcium Deposit

Intestine Large

Gastrointestinal Tract

Oligospermia

Kidney

Postmortem Change

Liver

Nephropathy

Pancreas

Cirrhosis, Portal

Spleen

Postmortem Change

Testis

Hyperplasia, Nos

Thymus

Hyperplasia, Interstitial Cell

Unspecified

Multiple Organs Nos

Spermatogenic Arrest

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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_093

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Bone marrow
Epididymis

Pheochromocytoma
Aplasia, Hematopoietic
Granuloma, Spermatic
Spermatocele
Postmortem Change
Hyperplasia, Papillary

Intestine Large
Urinary bladder

Gastrointestinal 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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_101

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Kidney		Nephropathy
Liver		Cirrhosis, Portal
		Cytoplasmic Vacuolization
	Bile Duct	Dilatation, Nos
Lung	Alveoli	Inflammation, Acute
Pancreas		Lipoidosis
Pituitary gland		Cytoplasmic Vacuolization
Seminal vesicle		Inflammation, Chronic
		Mineralization
Spleen		Hypoplasia, Lymphoid
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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_102

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large
Lung
Thymus
Unspecified

Gastrointestinal Tract
Alveoli
Multiple Organs Nos

Postmortem Change
Congestion, 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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_103

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Epididymis

Aspermatogenesis

Intestine Large

Gastrointestinal Tract

Granuloma, Spermatic

Kidney

Postmortem Change

Liver

Nephropathy

Lung

Cirrhosis, Portal

Prostate

Pneumonia, Interstitial Chronic

Testis

Inflammation, Chronic

Unspecified

Multiple Organs Nos

Spermatogenic Arrest

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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_111

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland		Cortical Carcinoma
Epididymis		Aspermatogenesis
Kidney		Nephropathy
Liver	Centrilobular	Congestion, Passive
Pancreas		Lipoidosis
Seminal vesicle		Inflammation, Acute Focal
Spleen		Hematopoiesis
Stomach	Cardiac Stomach	Hypoplasia, Lymphoid
	Cardiac Stomach	Acanthosis
Testis		Hyperkeratosis
Unspecified	Multiple Organs Nos	Spermatogenic Arrest
		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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_112

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Amyloidosis

Kidney

Nephropathy

Thyroid

Follicle

Atrophy, Nos

Unspecified

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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_113

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Left Ventricle Nos Mitral Valve Nos	Embolism, Nos Inflammation, Chronic Nephropathy
Kidney		Cirrhosis, Portal
Liver		Inflammation, Interstitial
Lung		Islet-Cell Adenoma
Pancreas	Islets	Lipoidosis
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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_121

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Kidney

Glomerulus

Amyloidosis

Liver

Centrilobular

Congestion, Passive

Lung

Bile Duct

Inflammation, Acute Focal

Pancreas

Congestion, Nos

Pituitary gland

Lipoidosis

Thymus

Cytoplasmic Vacuolization

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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_122

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Epididymis

Intestine Large

Kidney

Liver

Lymph node

Pancreas

Testis

Thymus

Unspecified

Intestinal Tract

Multiple Organs Nos

Aspermatogenesis

Postmortem Change

Nephropathy

Cirrhosis, Portal

Hyperplasia, Nos

Lipoidosis

Spermatogenic Arrest

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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_123

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis		Aspermatogenesis
		Inflammation, Acute
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Colon	Inflammation, Pyogranulomatous
Kidney		Nephropathy
Liver		Cirrhosis, Portal
	Bile Duct	Dilatation, Nos
Pancreas		Lipoidosis
Pituitary gland		Cytoplasmic Vacuolization
Spleen		Hypoplasia, Nos
Testis		Spermatogenic Arrest
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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_131

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Mitral Valve Nos	Inflammation, Chronic
	Left Ventricle Nos	Thrombosis, Nos
Kidney		Nephropathy
Lung	Alveoli	Histiocytosis
Spleen		Hypoplasia, Nos
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	Hyperkeratosis
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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_132

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis		Abscess, Nos Granuloma, Spermatic
Intestine Large	Gastrointestinal Tract Gastrointestinal Tract	Inflammation, Acute Postmortem Change
Kidney		Nephropathy
Liver		Cirrhosis, Portal
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Seminal vesicle		Inflammation, Chronic Mineralization
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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_133

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Epididymis
Intestine Large
Kidney
Liver
Lung
Pancreas
Spleen
Testis

Gastrointestinal Tract

Thymus
Unspecified

Multiple Organs Nos

Cortical Adenoma
Aspermatogenesis
Postmortem Change
Nephropathy
Cirrhosis, Portal
Inflammation, Interstitial
Lipoidosis
Hypoplasia, Nos
Hyperplasia, Interstitial Cell
Spermatogenic Arrest
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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_141

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone	Sternal Synchondrosis	Hemangioma
Intestine Large	Large Intestine, Colon	Inflammation, Acute Diffuse
	Gastrointestinal Tract	Postmortem Change
Liver	Centrilobular	Congestion, Passive
Pancreas		Lipoidosis
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	Hyperkeratosis
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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_142

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Epididymis		Granuloma, Spermatic
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney		Nephropathy
Liver		Cirrhosis, Portal
Lung	Alveoli	Histiocytosis
Spleen		Hematopoiesis
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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_143

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
	Zona Glomerulosa	Metaplasia, Nos
Epididymis		Aspermatogenesis
		Cast, Nos
Intestine Large	Intestinal Tract	Inflammation, Acute
	Gastrointestinal Tract	Postmortem Change
Kidney		Nephropathy
Liver	Centrilobular	Congestion, Passive
		Cyst, Multiple
		Necrosis, Focal
Lymph node	Cervical Lymph Node Nos	Congestion, Nos
Pancreas	Acinus	Cyst, Nos
Pituitary gland		Cytoplasmic Vacuolization
		Degeneration, Hyaline
Skeletal muscle	Leg	Fibrosarcoma
Skin		Acariasis
		Inflammation, Chronic
Spleen	Follicles	Hematin
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	Hyperkeratosis
Thymus		Involution, Nos
Thyroid	Follicle	Atrophy, Nos
Urinary bladder		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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_151

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis Cortical Carcinoma
Liver	Centrilobular	Congestion, Passive
Lung		Inflammation, Interstitial
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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_152

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland		Cortical Carcinoma
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney		Nephropathy
Liver	Centrilobular	Congestion, Passive
		Cyst, Multiple
	Bile Duct	Dilatation, Nos
Lung	Alveoli	Congestion, Nos
Pancreas		Postmortem Change
Spleen		Postmortem Change
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	Hyperkeratosis
Testis		Hyperplasia, Interstitial Cell
		Spermatogenic Arrest
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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_153

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cyst, Nos

Medulla

Hyperplasia, Focal

Cortex Nos

Necrosis, Focal

Bone marrow

Aplasia, Hematopoietic

Epididymis

Oligospermia

Heart

Left Atrium Nos

Thrombus, Organized

Kidney

Nephropathy

Liver

Centrilobular

Congestion, Passive

Spleen

Necrosis, Focal

Stomach

Cardiac Stomach

Hypoplasia, Lymphoid

Cardiac Stomach

Acanthosis

Urinary bladder

Hyperkeratosis

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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_161

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Epididymis

Abscess, Nos

Aspermatogenesis

Spermatocele

Intestine Large

Intestinal Tract

Postmortem Change

Kidney

Glomerulus

Amyloidosis

Liver

Hepatic Lobule

Abscess, Nos

Prostate

Inflammation, Nos

Seminal vesicle

Abscess, Nos

Inflammation, Nos

Spleen

Hypoplasia, Lymphoid

Testis

Hyperplasia, Interstitial Cell

Spermatogenic Arrest

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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_162

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Gall bladder		Edema, Nos
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Pericolonic Tissue, Colon	Granuloma, Nos
Kidney		Nephropathy
Liver	Centrilobular	Congestion, Passive
		Necrosis, Focal
Lung	Alveoli	Histiocytosis
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos
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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_163

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Cyst, Nos
Pancreas		Lipoidosis
Unspecified	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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_171

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Epididymis		Inflammation, Acute Suppurative
Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney		Nephropathy
Liver		Cirrhosis, Portal
Skeletal muscle		Inflammation, Acute/Chronic
Spleen		Hypoplasia, Nos
Testis		Spermatogenic Arrest
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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_173

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Kidney		Nephropathy
Liver		Cirrhosis, Portal
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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_181

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Epididymis		Aspermatogenesis
Heart	Left Atrium Nos	Thrombus, Organized
Kidney		Nephropathy
Liver	Centrilobular	Congestion, Passive
		Necrosis, Focal
Lung	Alveoli	Histiocytosis
Pancreas		Lipoidosis
Stomach	Fundus	Ulcer, Nos
Testis		Spermatogenic Arrest
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_182

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Lymph node

Cervical Lymph Node Nos

Hyperplasia, Nos

Thymus

Involution, Nos

Thyroid

Amyloidosis

Unspecified

Abdominal Viscera

Hernia, 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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_183

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis		Abscess, Nos Granuloma, Spermatic
Kidney		Nephropathy
Liver	Centrilobular	Congestion, Passive Necrosis, Focal
Lung		Abscess, Nos Atelectasis
Lymph node	Mediastinal Lymph Node	Hemangiosarcoma Hyperplasia, Nos
Prostate		Inflammation, Acute Suppurative
Seminal vesicle		Inflammation, Acute Suppurative
Skeletal muscle		Inflammation, Chronic Focal
Spleen		Hypoplasia, Nos
Testis		Hyperplasia, Interstitial Cell Spermatogenic Arrest
Unspecified	Multiple Organs Nos	Amyloidosis
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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_191

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Epididymis		Aspermatogenesis
Heart	Mitral Valve Nos Left Ventricle Nos	Inflammation, Chronic Thrombosis, Nos
Kidney		Nephropathy
Liver		Cirrhosis, Portal
Lung	Bile Duct Alveoli	Dilatation, Nos Histiocytosis
Pancreas		Dilatation, Ducts
Pituitary gland		Cytoplasmic Vacuolization
Seminal vesicle		Inflammation, Chronic Mineralization
Skin		Inflammation, Chronic
Spleen		Hypoplasia, Lymphoid
Testis		Hyperplasia, Interstitial Cell Spermatogenic Arrest
Thymus		Cyst, Multiple Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis Edema, 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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_192

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Blood vessel	Aorta Nos	Embolism, Nos
Epididymis		Cast, Nos
		Spermatocele
Kidney		Nephropathy
		Nephrosis, Pyo
Liver		Cirrhosis, Portal
Lung	Alveoli	Histiocytosis
Pancreas		Lipoidosis
Prostate		Inflammation, Chronic
Seminal vesicle		Inflammation, Acute Focal
Spleen		Hypoplasia, Nos
Testis		Spermatogenic Arrest
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Urinary bladder		Hyperplasia, Epithelial
		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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_201

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Brain		Malacia
Kidney		Nephropathy
Liver	Bile Duct	Dilatation, Nos
Lymph node		Hyperplasia, Nos
Testis		Hyperplasia, Interstitial Cell
		Spermatogenic Arrest
Thymus		Involution, Nos
Thyroid	Follicle	Atrophy, 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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_202

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Epididymis		Aspermatogenesis
		Inflammation, Chronic Focal
Gall bladder		Edema, Nos
Kidney		Nephropathy
Liver		Cirrhosis, Portal
Pancreas	Islets	Islet-Cell Adenoma
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	Hyperkeratosis
Testis		Hyperplasia, Interstitial Cell
		Spermatogenic Arrest
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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_203

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Amyloidosis

Epididymis

Cortical Adenoma

Intestine Large

Large Intestine, Colon

Mineralization

Lung

Cecum, Colon

Inflammation, Acute Diffuse

Pancreas

Alveoli

Ulcer, Nos

Pituitary gland

Histiocytosis

Stomach

Cardiac Stomach

Lipoidosis

Cytoplasmic Vacuolization

Cardiac Stomach

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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_211

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Epididymis		Aspermatogenesis
Heart	Mitral Valve Nos	Inflammation, Chronic
	Left Ventricle Nos	Thrombosis, Nos
Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney		Nephropathy
Liver		Cirrhosis, Portal
	Bile Duct	Dilatation, Nos
Lung		Inflammation, Interstitial
Pancreas		Lipoidosis
Testis		Spermatogenic Arrest
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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_212

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis		Aspermatogenesis
Heart	Auricular Appendage Nos	Thrombosis, Nos
Intestine Large	Gastrointestinal Tract	Inflammation, Acute Suppurative
	Gastrointestinal Tract	Postmortem Change
Kidney		Glomerulonephritis, Acute
Liver		Hepatitis, Toxic
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Prostate		Retention Of Content
Seminal vesicle		Retention Of Content
Testis		Hyperplasia, Interstitial Cell
		Spermatogenic Arrest
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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_213

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Epididymis		Aspermatogenesis
Intestine Large	Cecum, Colon	Granuloma, Nos
	Large Intestine, Colon	Inflammation, Chronic
Kidney		Nephropathy
Liver	Centrilobular	Congestion, Passive
	Bile Duct	Dilatation, Nos
Lung	Alveoli	Histiocytosis
Lymph node		Hyperplasia, Nos
Pancreas		Dilatation, Ducts
		Lipoidosis
Pituitary gland		Cytoplasmic Vacuolization
Testis		Spermatogenic Arrest
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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_222

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Heart	Left Atrium Nos	Thrombus, Organized
Kidney		Nephropathy
Liver		Cirrhosis, Portal
		Cytoplasmic Vacuolization
Lung		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos
Parathyroid gland		Hyperplasia, Nos
Spleen		Hypoplasia, Lymphoid
Testis		Hyperplasia, Interstitial Cell
		Spermatogenic Arrest
Thymus		Involution, Nos
Thyroid		Hyperplasia, C Cell
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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_223

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Epididymis

Heart

Kidney

Left Atrium Nos

Liver

Pituitary gland

Seminal vesicle

Testis

Thymus

Urinary bladder

Hyperplasia, Focal

Aspermatogenesis

Thrombus, Organized

Nephropathy

Nephrosis, Hydro

Cyst, Multiple

Cytoplasmic Vacuolization

Inflammation, Acute Suppurative

Spermatogenic Arrest

Involution, Nos

Hyperplasia, Epithelial

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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_231

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Bone marrow		Aplasia, Hematopoietic
Epididymis		Oligospermia
Intestine Large	Intestinal Tract	Inflammation, Acute Focal
Kidney		Nephropathy
Liver		Hematopoiesis
Lung		Inflammation, Interstitial
Pituitary gland		Degeneration, Hyaline
Skin		Inflammation, Chronic
Spleen		Atrophy, Nos
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	Hyperkeratosis
Testis		Spermatogenic Arrest

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_232

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large
Kidney

Colon
Glomerulus

Papillary Adenoma
Amyloidosis
Nephropathy
Cytoplasmic Vacuolization

Pituitary gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_233

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large

Cortex Nos
Cecum, Colon
Large Intestine, Colon
Gastrointestinal Tract

Hyperplasia, Focal
Abscess, Nos
Inflammation, Acute
Postmortem Change
Nephropathy
Congestion, Nos
Hyperplasia, Nos
Lipoidosis

Kidney
Lung
Lymph node
Pancreas

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_241

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel
Epididymis

Ascending Aorta

Arteriosclerosis, Nos
Aspermatogenesis
Spermatocele

Intestine Large
Kidney

Intestinal Tract

Postmortem Change
Nephropathy

Liver
Spleen

Cirrhosis, Portal
Hypoplasia, Nos

Testis

Spermatogenic Arrest

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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_242

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis		Aspermatogenesis
Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney		Nephropathy
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Spleen		Hypoplasia, Nos
Testis		Spermatogenic Arrest
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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_243

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Epididymis		Aspermatogenesis
		Cast, Nos
Intestine Large	Submucosa, Colon	Abscess, Nos
Kidney		Inflammation, Acute Suppurative
		Nephropathy
Liver		Abscess, Nos
		Cirrhosis, Portal
		Cytoplasmic Vacuolization
Lung	Alveoli	Histiocytosis
Pituitary gland		Cytoplasmic Vacuolization
Stomach	Fundus	Ulcer, Nos
Testis		Spermatogenic Arrest
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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_251

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Calcification, Focal
Intestine Large	Gastrointestinal Tract	Inflammation, Nos
Intestine Small	Intestinal Villus, Ileum	Postmortem Change
Kidney		Regeneration, Incomplete
Liver		Nephropathy
Testis		Cirrhosis, Portal
Unspecified	Multiple Organs Nos	Spermatogenic Arrest
		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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_252

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Gall bladder		Calculus, Unknown Gross Or Micro
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Cecum, Colon	Abscess, Nos
	Large Intestine, Colon	Inflammation, Nos
	Intestinal Tract	Postmortem Change
	Cecum, Colon	Ulcer, Nos
Intestine Small	Ileum	Inflammation, Focal
Kidney		Nephropathy
Liver		Cirrhosis, Portal
Lung	Alveoli	Congestion, Nos
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Pituitary gland		Cytoplasmic Vacuolization
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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_253

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis Cortical Carcinoma
Epididymis		Abscess, Nos Aspermatogenesis Spermatocoele
Heart	Left Atrium Nos	Thrombus, Organized
Kidney		Nephropathy
Liver	Centrilobular	Congestion, Passive Necrosis, Focal
Testis		Inflammation, Acute Spermatogenic Arrest

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_261

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large

Anus Nos
Intestinal Tract

Metaplasia, Squamous
Postmortem Change
Inflammation, Acute Focal
Hyperplasia, Nos
Lipoidosis
Involution, Nos
Atrophy, Nos

Liver
Lymph node
Pancreas
Thymus
Thyroid

Follicle

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_262

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
	Medulla	Hyperplasia, Nos
Heart	Mitral Valve Nos	Inflammation, Chronic
	Left Ventricle Nos	Thrombosis, Nos
Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney		Nephropathy
Liver	Centrilobular	Congestion, Passive
		Cyst, Multiple
Lung	Alveoli	Histiocytosis
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos
Pancreas		Lipoidosis
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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_263

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney		Nephropathy
Lung	Alveoli	Histiocytosis
Pancreas	Acinus	Cyst, Multiple
		Lipoidosis
Salivary gland		Abscess, Nos
Spleen	Red Pulp	Angiectasis
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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_271

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Epididymis		Abscess, Nos
Heart	Left Atrium Nos	Thrombus, Organized
Kidney		Nephropathy
Liver		Cirrhosis, Portal
Lung	Alveoli	Histiocytosis
Lymph node		Hyperplasia, Nos
Seminal vesicle		Abscess, Nos
Spleen		Hematopoiesis
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	Hyperkeratosis
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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_272

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Small
Kidney
Liver
Testis

Ileum

Inflammation, Necrotizing
Inflammation, Chronic
Cirrhosis, Portal
Abscess, Nos
Spermatogenic Arrest
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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_273

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Small
Kidney
Liver
Pituitary gland
Unspecified

Ileum

Multiple Organs Nos

Regeneration, Incomplete
Nephropathy
Cirrhosis, Portal
Cytoplasmic Vacuolization
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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_281

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Blood vessel	Abdominal Aorta	Thrombosis, Nos
Epididymis		Aspermatogenesis
Kidney		Nephropathy
Liver		Cirrhosis, Portal
Pancreas		Lipoidosis
Prostate		Inflammation, Acute Suppurative
Seminal vesicle		Inflammation, Acute Suppurative
Spleen		Hypoplasia, Nos
Testis		Hyperplasia, Interstitial Cell
		Spermatogenic Arrest
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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_282	TRT#: 2 DOSE: 10000 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland Epididymis	Medulla	Hyperplasia, Nos Aspermatogenesis Cast, Nos	
Intestine Large	Large Intestine, Colon Colon Large Intestine, Colon Rectum	Inflammation, Acute Intussusception Necrosis, Nos Prolapse	
Kidney		Nephropathy	
Liver	Bile Duct	Dilatation, Nos	
Lymph node		Hyperplasia, Nos	
Pituitary gland		Cytoplasmic Vacuolization	
Prostate		Inflammation, Chronic Focal	
Seminal vesicle		Inflammation, Chronic Focal	
Spleen	Red Pulp	Angiectasis	
Stomach	Cardiac Stomach	Squamous Cell Papilloma	
Testis		Hyperplasia, Interstitial Cell Spermatogenic Arrest	
Unspecified	Multiple Organs Nos	Amyloidosis	
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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_283

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis		Oligospermia
Kidney		Nephropathy
Liver		Cirrhosis, Portal
Skin	Circumanal Gland	Inflammation, Chronic
Spleen		Hyperplasia, Lymphoid
Testis		Spermatogenic Arrest
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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_291

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel
Epididymis

Colic Artery

Thrombosis, Nos
Aspermatogenesis
Spermatocoele

Intestine Large

Large Intestine, Colon
Colon
Large Intestine, Colon
Intestinal Tract

Inflammation, Nos
Intussusception
Necrosis, Nos
Postmortem Change
Spermatogenic Arrest

Testis
Thymus
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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_292

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Liver

Bile Duct
Cervical Lymph Node Nos

Lymph node
Spleen
Unspecified

Multiple Organs Nos
Multiple Organs Nos

Nephropathy
Cirrhosis, Portal
Dilatation, Nos
Hyperplasia, Nos
Hypoplasia, 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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_293

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Epididymis		Oligospermia
Heart	Left Atrium Nos	Thrombus, Organized
Kidney		Nephropathy
Liver	Centrilobular	Congestion, Passive
	Bile Duct	Dilatation, Nos
Lung	Alveoli	Histiocytosis
Pancreas		Lipoidosis
Spleen	Red Pulp	Angiectasis
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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_301

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Epididymis

Heart
Intestine Large
Liver

Lung
Lymph node
Stomach
Testis

Thyroid

Left Atrium Nos
Gastrointestinal Tract

Bile Duct

Cardiac Stomach

Cortical Carcinoma
Aspermatogenesis
Cast, Nos
Thrombus, Organized
Postmortem Change
Cyst, Multiple
Dilatation, Nos
Inflammation, Interstitial
Hyperplasia, Nos
Squamous Cell Papilloma
Hyperplasia, Interstitial Cell
Spermatogenic Arrest
C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_302

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Epididymis

Cortex Nos

Amyloidosis
Aspermatogenesis

Intestine Large
Kidney
Liver

Gastrointestinal Tract

Cast, Nos
Postmortem Change
Nephropathy

Centrilobular

Congestion, Passive
Cyst, Multiple

Bile Duct

Dilatation, Nos
Necrosis, Focal

Lung
Pituitary gland
Seminal vesicle

Alveoli

Histiocytosis
Cytoplasmic Vacuolization
Inflammation, Chronic
Mineralization

Stomach

Cardiac Stomach

Acanthosis

Testis

Cardiac Stomach

Hyperkeratosis

Thyroid

Follicle

Hyperplasia, Interstitial Cell
Spermatogenic Arrest
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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_303

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis Cortical Adenoma
	Cortex Nos Medulla	Hyperplasia, Focal Hyperplasia, Nos
Kidney		Nephropathy
Liver	Centrilobular	Congestion, Passive Cyst, Multiple
Lymph node	Cervical Lymph Node Nos	Hyperplasia, Nos
Pancreas		Lipoidosis
Thymus		Involution, Nos
Urinary bladder		Edema, 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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_311

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel	Coronary Artery Nos	Inflammation, Necrotizing
Epididymis		Aspermatogenesis
Intestine Large	Intestinal Tract	Postmortem Change
Kidney		Nephropathy
Liver		Cirrhosis, Portal
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Stomach	Omentum Nos	Steatitis
Testis		Spermatogenic Arrest
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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_312

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large
Lymph node
Pancreas
Thymus
Thyroid

Cecum, Colon
Mesenteric Lymph Node

Postmortem Change
Hyperplasia, Nos
Lipoidosis
Involution, Nos
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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_313

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis Pheochromocytoma
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Gastrointestinal Tract	Postmortem Change
Liver	Centrilobular	Congestion, Passive
Pancreas		Lipoidosis
Thyroid	Follicle	Atrophy, 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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_321

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Colon

Hyperplasia, Epithelial

Colon

Inflammation, Chronic

Colon

Intussusception

Rectum

Prolapse

Kidney

Nephropathy

Liver

Cirrhosis, Portal

Pancreas

Lipoidosis

Prostate

Inflammation, Chronic

Stomach

Cardiac Stomach

Acanthosis

Cardiac Stomach

Hyperkeratosis

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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_322

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis
Intestine Large
Kidney
Lung
Pancreas
Pituitary gland
Thymus

Intestinal Tract
Glomerulus

Spermatocele
Postmortem Change
Amyloidosis
Inflammation, Interstitial
Lipoidosis
Cytoplasmic Vacuolization
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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_323

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large

Cecum, Colon
Intestinal Tract

Abscess, Nos
Postmortem Change

Kidney

Nephropathy

Liver

Cirrhosis, Portal

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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_331

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Colon

Hyperplasia, Epithelial

Colon

Inflammation, Chronic

Kidney

Nephropathy

Liver

Cirrhosis, Portal

Lung

Inflammation, Interstitial

Pancreas

Lipoidosis

Pituitary gland

Cytoplasmic Vacuolization

Spleen

Hyperplasia, Nos

Stomach

Fundus

Ulcer, Nos

Thymus

Involution, Nos

Unspecified

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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_332

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Focal

Neuroblastoma

Epididymis

Aspermatogenesis

Cast, Nos

Heart

Dilatation, Nos

Liver

Centrilobular

Congestion, Passive

Necrosis, Focal

Lung

Alveoli

Histiocytosis

Pancreas

Lipoidosis

Testis

Spermatogenic Arrest

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_333

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Anus Nos

Hyperplasia, Epithelial

Kidney

Nephropathy

Pancreas

Lipoidosis

Seminal vesicle

Perivasculitis

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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_341

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large
Kidney
Lung
Pancreas
Thyroid
Unspecified
Urinary bladder

Medulla
Gastrointestinal Tract

Alveoli

Follicle
Multiple Organs Nos

Dilatation, Nos
Postmortem Change
Nephropathy
Histiocytosis
Lipoidosis
Atrophy, 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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_342

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Heart
Intestine Large
Liver

Medulla
Left Atrium Nos
Cecum, Colon
Centrilobular

Lymph node
Pancreas
Peritoneum
Pituitary gland
Spleen
Unspecified

Dilatation, Nos
Hyperplasia, Focal
Thrombus, Organized
Inflammation, Acute Suppurative
Congestion, Passive
Cytoplasmic Vacuolization
Necrosis, Focal
Hyperplasia, Nos
Lipoidosis
Abscess, Nos
Degeneration, Hyaline
Hematopoiesis
Abscess, 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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_343

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large
Kidney
Pancreas
Thymus
Thyroid

Gastrointestinal Tract

Follicle

Postmortem Change
Nephropathy
Lipoidosis
Involution, Nos
Atrophy, Nos
C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_351

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis		Aspermatogenesis
Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney		Nephropathy
Testis		Spermatogenic Arrest
Thyroid	Follicle	Atrophy, Nos
Unspecified	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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_352

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large
Lymph node
Pancreas
Thymus
Thyroid

Intestinal Tract

Follicle

Postmortem Change
Hyperplasia, Nos
Lipoidosis
Involution, Nos
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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_353

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_361

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis		Aspermatogenesis
Heart	Mitral Valve Nos	Inflammation, Proliferative
Kidney		Nephropathy
Liver		Cirrhosis, Portal
Skin		Inflammation, Chronic
Spleen		Hypoplasia, Lymphoid
Testis		Spermatogenic Arrest
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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_362

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Bone marrow
Intestine Large
Kidney
Lung
Lymph node
Pancreas
Testis

Cortex Nos

Gastrointestinal Tract

Alveoli
Cervical Lymph Node Nos
Islets

Thyroid

Follicle

Amyloidosis
Aplasia, Hematopoietic
Postmortem Change
Nephropathy
Congestion, Nos
Congestion, Nos
Islet-Cell Adenoma
Hyperplasia, Interstitial Cell
Spermatogenic Arrest
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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_363

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large
Lung
Pancreas
Thyroid

Gastrointestinal Tract
Alveoli

Postmortem Change
Histiocytosis
Lipoidosis
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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_371

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Zona Glomerulosa	Metaplasia, Nos Neurilemoma
Heart	Left Atrium Nos	Thrombus, Organized
Kidney		Nephropathy
Liver		Cyst, Multiple
	Bile Duct	Dilatation, Nos
	Hepatic Lobule	Necrosis, Focal
Lymph node	Cervical Lymph Node Nos	Congestion, Nos
	Mesenteric Lymph Node	Hyperplasia, Nos
Pancreas	Islets	Hyperplasia, Nos
Skin		Inflammation, Chronic
Thyroid		C-Cell Adenoma
Unspecified		Edema, 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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_373

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Epididymis
Intestine Large
Liver

Gastrointestinal Tract
Centrilobular

Lung
Lymph node
Pancreas
Parathyroid gland
Spleen
Testis

Alveoli
Mesenteric Lymph Node

Aspermatogenesis
Postmortem Change
Congestion, Passive
Necrosis, Focal
Histiocytosis
Hyperplasia, Nos
Lipoidosis
Hyperplasia, Nos
Hematopoiesis
Spermatogenic Arrest

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_381

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Epididymis		Aspermatogenesis
Heart		Dilatation, Nos
Kidney		Nephropathy
Lung	Alveoli	Histiocytosis
Lymph node		Hyperplasia, Nos
Prostate	Renal Lymph Node	Necrosis, Nos
Stomach	Cardiac Stomach	Inflammation, Chronic
	Cardiac Stomach	Acanthosis
Testis		Hyperkeratosis
		Hyperplasia, Interstitial Cell
		Spermatogenic Arrest
Thyroid		C-Cell Adenoma
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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_382

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Amyloidosis

Medulla

Hyperplasia, Nos

Intestine Large

Gastrointestinal Tract

Pheochromocytoma

Kidney

Postmortem Change

Liver

Nephropathy

Lung

Centrilobular

Congestion, Passive

Lymph node

Alveoli

Histiocytosis

Pancreas

Islets

Hyperplasia, Nos

Islet-Cell Adenoma

Spleen

Red Pulp

Lipoidosis

Stomach

Cardiac Stomach

Angiectasis

Cardiac Stomach

Acanthosis

Thymus

Hyperkeratosis

Thyroid

Follicle

Involution, Nos

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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_383

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Epididymis

Heart

Intestine Large

Kidney

Liver

Testis

Unspecified

Left Ventricle Nos

Mitral Valve Nos

Gastrointestinal Tract

Multiple Organs Nos

Aspermatogenesis

Embolism, Nos

Inflammation, Chronic

Postmortem Change

Nephropathy

Cirrhosis, Portal

Spermatogenic Arrest

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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_391

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large

Colon
Large Intestine, Colon

Hemorrhage
Inflammation, Chronic Focal

Kidney

Mineralization

Liver

Cirrhosis, Portal

Lung

Metaplasia, Osseous

Lymph node

Mesenteric Lymph Node

Inflammation, Acute

Unspecified

Multiple Organs Nos

Amyloidosis

Multiple Organs Nos

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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_392

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis		Aspermatogenesis
		Cast, Nos
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Cecum, Colon	Inflammation, Acute Hemorrhagic
	Gastrointestinal Tract	Postmortem Change
Liver	Centrilobular	Congestion, Passive
Pituitary gland		Cytoplasmic Vacuolization
Skin		Inflammation, Chronic
Testis		Hyperplasia, Interstitial Cell
		Spermatogenic Arrest
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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_393

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large
Liver
Lung
Pancreas
Parathyroid gland
Thymus
Thyroid
Urinary bladder

Gastrointestinal Tract
Centrilobular
Alveoli

Follicle

Postmortem Change
Congestion, Passive
Histiocytosis
Lipoidosis
Adenoma, Nos
Involution, Nos
Atrophy, Nos
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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_401

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Amyloidosis

Heart

Left Atrium Nos

Thrombus, Organized

Kidney

Cortex

Infarct, Nos

Nephropathy

Liver

Centrilobular

Congestion, Passive

Lung

Alveoli

Histiocytosis

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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_402

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
	Cortex Nos	Hyperplasia, Focal
Intestine Large	Large Intestine, Colon	Inflammation, Nos
	Intestinal Tract	Postmortem Change
Liver	Centrilobular	Congestion, Passive
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis

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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_403

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver	Portal Tract	Lymphocytic Inflammatory Infiltrate
Lung		Metaplasia, Osseous
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_411

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney		Nephropathy
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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_412

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis		Aspermatogenesis
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Gastrointestinal Tract	Postmortem Change
Pancreas		Lipoidosis
Testis		Spermatogenic Arrest
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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_413

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
	Medulla	Hyperplasia, Focal
Epididymis		Mineralization
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos
Pancreas		Lipoidosis
Pituitary gland		Cytoplasmic Vacuolization
Skeletal muscle		Inflammation, Acute Focal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_421

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Kidney	Cortex	Infarct, Nos
Lung	Alveoli	Histiocytosis
Lymph node	Cervical Lymph Node Nos	Hyperplasia, Nos
Pancreas	Islets	Islet-Cell Adenoma
		Lipoidosis
Spleen		Hematopoiesis
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	Hyperkeratosis
	Cardiac Stomach	Hyperplasia, Papillary
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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_422

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Epididymis		Aspermatogenesis
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Pericolonic Tissue, Colon	Inflammation, Pyogranulomatous
Kidney		Nephropathy
Lung	Alveoli	Histiocytosis
Pancreas		Lipoidosis
Pituitary gland		Cytoplasmic Vacuolization
Testis		Spermatogenic Arrest
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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_423

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Anus Nos

Cyst, Epidermal Inclusion

Kidney

Nephropathy

Liver

Centrilobular

Congestion, Passive

Pancreas

Lipoidosis

Pituitary gland

Cytoplasmic Vacuolization

Seminal vesicle

Inflammation, Acute Suppurative

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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_431

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Epididymis

Intestine Large

Liver

Gastrointestinal Tract

Lymph node

Prostate

Spleen

Mesenteric Lymph Node

Testis

Aspermatogenesis

Postmortem Change

Cirrhosis, Portal

Cytoplasmic Vacuolization

Hyperplasia, Nos

Inflammation, Chronic

Hematopoiesis

Hypoplasia, Lymphoid

Cyst, Nos

Hyperplasia, Interstitial Cell

Spermatogenic Arrest

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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_432

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
	Cortex Nos	Hyperplasia, Focal
Epididymis		Aspermatogenesis
Heart	Left Atrium Nos	Thrombus, Organized
Kidney	Cortex	Infarct, Nos
		Nephropathy
Lung	Alveoli	Histiocytosis
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos
Pancreas		Lipoidosis
Skin		Inflammation, Chronic
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	Hyperkeratosis
Testis		Spermatogenic Arrest

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_433

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large
Liver
Prostate
Unspecified

Gastrointestinal Tract

Multiple Organs Nos

Postmortem Change
Cirrhosis, Portal
Inflammation, Chronic
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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_441

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Epididymis		Aspermatogenesis
Heart	Left Atrium Nos	Thrombus, Organized
Kidney		Nephropathy
Liver	Centrilobular	Congestion, Passive
	Bile Duct	Cyst, Multiple
		Dilatation, Nos
		Necrosis, Focal
Lung	Alveoli	Histiocytosis
Pancreas	Islets	Hyperplasia, Focal
		Lipoidosis
Prostate		Inflammation, Chronic
Spleen		Hematopoiesis
Testis		Spermatogenic Arrest
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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_442

TRT#: 2

SEX: Male

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
Liver		Cirrhosis, Portal
Lung		Pneumonia, Interstitial Chronic
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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_443

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney		Nephropathy
Liver	Periportal	Cloudy Swelling
Lung		Inflammation, Interstitial
Pancreas		Lipoidosis
Seminal vesicle		Abscess, Nos
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Thyroid	Follicle	Atrophy, 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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_451

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large
Lymph node
Pancreas
Thymus
Thyroid

Intestinal Tract

Follicle

Postmortem Change
Hyperplasia, Nos
Lipoidosis
Involution, Nos
Atrophy, 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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_452

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Cortical Adenoma
Epididymis		Aspermatogenesis
		Cast, Nos
Intestine Small	Ileum	Inflammation, Acute
Kidney		Nephropathy
Liver	Centrilobular	Congestion, Passive
Lung	Alveoli	Congestion, Nos
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos
Pancreas		Lipoidosis
Spleen		Hypoplasia, Lymphoid
Testis		Spermatogenic Arrest
Thymus		Involution, Nos
Thyroid	Follicle	Atrophy, 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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_453

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Gastrointestinal Tract

Inflammation, Suppurative

Lung

Gastrointestinal Tract

Postmortem Change

Lymph node

Inflammation, Interstitial

Pancreas

Hyperplasia, Lymphoid

Prostate

Lipoidosis

Seminal vesicle

Retention Of Content

Stomach

Cardiac Stomach

Retention Of Content

Testis

Hyperkeratosis

Thymus

Spermatogenic Arrest

Thyroid

Involution, Nos

Unspecified

Abdominal Viscera

Amyloidosis

Hyperplasia, Follicular Cell

Hernia, 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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_461

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Kidney		Nephropathy
Liver		Cirrhosis, Portal
Lung	Alveoli	Congestion, 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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_462

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large
Liver
Lung
Parathyroid gland

Zona Glomerulosa
Gastrointestinal Tract

Alveoli

Metaplasia, Nos
Postmortem Change
Cyst, Nos
Histiocytosis
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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_463

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Gall bladder		Hyperplasia, Polypoid
Heart	Left Ventricle Nos	Embolism, Nos
	Left Atrium Nos	Thrombus, Organized
Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney		Nephropathy
Liver		Cirrhosis, Portal
Lung	Alveoli	Histiocytosis
Pancreas		Lipoidosis
Skin		Inflammation, Chronic
Thymus		Cyst, Multiple
		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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_471

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large
Kidney
Lung
Lymph node
Prostate
Seminal vesicle
Spleen

Intestinal Tract

Inflammation, Suppurative
Nephropathy
Inflammation, Interstitial
Hyperplasia, Nos
Retention Of Content
Retention Of Content
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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_472

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Dilatation, Nos
	Cortex Nos	Hemorrhage
	Cortex Nos	Hyperplasia, Focal
Epididymis		Aspermatogenesis
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney		Nephropathy
Liver	Centrilobular	Congestion, Passive
		Cytoplasmic Vacuolization
		Necrosis, Focal
Lung		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos
Pancreas		Lipoidosis
Testis		Spermatogenic Arrest
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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_473

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Epididymis

Intestine Large

Lung

Lymph node

Testis

Thymus

Thyroid

Intestinal Tract

Mesenteric Lymph Node

Follicle

Aspermatogenesis

Postmortem Change

Inflammation, Interstitial

Hyperplasia, Nos

Spermatogenic Arrest

Involution, Nos

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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_481

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Focal

Heart

Left Atrium Nos

Thrombus, Organized

Kidney

Nephropathy

Liver

Centrilobular

Congestion, Passive

Necrosis, Focal

Lymph node

Hyperplasia, Nos

Pancreas

Lipoidosis

Parathyroid gland

Hyperplasia, Nos

Seminal vesicle

Mineralization

Thymus

Perivasculitis

Thyroid

Involution, Nos
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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_482

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Blood vessel
Intestine Large

Cortex Nos
Brachioceph. Artery
Colon
Intestinal Tract

Kidney
Liver
Stomach

Cardiac Stomach
Cardiac Stomach

Testis
Unspecified

Multiple Organs Nos
Multiple Organs Nos

Persistent Embryonic Structure
Embolism, Nos
Intussusception
Postmortem Change
Nephropathy
Cirrhosis, Portal
Acanthosis
Hyperkeratosis
Spermatogenic Arrest
Amyloidosis
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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_483

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large
Kidney
Liver
Stomach

Unspecified

Gastrointestinal Tract

Cardiac Stomach
Cardiac Stomach
Multiple Organs Nos
Abdominal Viscera

Postmortem Change
Nephropathy
Cirrhosis, Portal
Acanthosis
Hyperkeratosis
Amyloidosis
Hernia, 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: 17:51:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_491

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large
Liver
Pancreas
Thymus
Thyroid

Gastrointestinal Tract
Centrilobular

Follicle

Postmortem Change
Hepatocytomegaly
Lipoidosis
Involution, Nos
Atrophy, 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: 17:51:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_492

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Brain	White Matter	Cytoplasmic Vacuolization
Epididymis		Aspermatogenesis
Heart	Left Atrium Nos	Thrombosis, Nos
Kidney		Nephropathy
Liver	Hepatic Lobule	Necrosis, Focal
Lung	Alveoli	Histiocytosis
Pancreas		Lipoidosis
Pituitary gland		Cytoplasmic Vacuolization
Testis		Spermatogenic Arrest
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: 17:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_493

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Heart	Left Atrium Nos	Thrombus, Organized
Kidney		Nephropathy
Liver	Centrilobular	Congestion, Passive
		Cytoplasmic Vacuolization
		Necrosis, Focal
Pancreas		Lipoidosis
Pituitary gland		Cytoplasmic Vacuolization

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 17:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_501

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large

Intestinal Tract
Gastrointestinal Tract

Inflammation, Acute
Postmortem Change
Cyst, Multiple
Lipoidosis
Hyperplasia, Reticulum Cell
Amyloidosis

Liver
Pancreas
Spleen
Thyroid

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 17:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_502

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large
Kidney

Pericolonic Tissue, Colon
Glomerulus

Inflammation, Pyogranulomatous
Amyloidosis
Nephropathy
Atrophy, Nos

Thyroid

Follicle

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 17:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_511

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Aplasia, Hematopoietic
Intestine Large	Large Intestine, Colon	Inflammation, Acute
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos
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: 17:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_512

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large	Intestinal Tract	Inflammation, Acute
	Intestinal Tract	Inflammation, Nos
Intestine Small	Ileum, Ileum	Ileitis, Regional
	Ileum	Postmortem Change
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Thymus		Involution, Nos
Thyroid		Cyst, Colloid

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 17:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_513

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart
Intestine Large

Left Atrium Nos
Large Intestine, Colon
Colon
Colon
Gastrointestinal Tract

Thrombus, Organized
Inflammation, Acute Suppurative
Intussusception
Necrosis, Nos
Postmortem Change
Nephropathy
Cirrhosis, Portal
Lipoidosis
Hypoplasia, Nos
Adenoma, Nos
Amyloidosis

Kidney
Liver
Pancreas
Spleen
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: 17:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_521

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Blood vessel	Brachioceph. Artery	Embolism, Nos
Epididymis		Cast, Nos
Heart	Left Atrium Nos	Thrombus, Organized
Kidney	Cortex	Infarct, Nos
Liver	Centrilobular	Congestion, Passive
Lung	Alveoli	Histiocytosis
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Prostate		Inflammation, Chronic Focal
Spleen		Hematopoiesis
Stomach	Cardiac Stomach	Squamous Cell Papilloma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 17:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_522

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Amyloidosis

Liver

Congestion, Nos

Thyroid

Cyst, 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: 17:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_523

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Necrosis, Focal
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Anus Nos	Abscess, Nos
	Anus Nos	Inflammation, Chronic
	Colon	Intussusception
Kidney	Glomerulus	Amyloidosis
		Nephropathy
Seminal vesicle		Abscess, 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: 17:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_531

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Amyloidosis

Epididymis

Cortex Nos

Hyperplasia, Focal

Heart

Left Atrium Nos

Aspermatogenesis

Kidney

Cortex

Cast, Nos

Lung

Alveoli

Thrombus, Organized

Lymph node

Cervical Lymph Node Nos

Infarct, Nos

Pancreas

Islets

Histiocytosis

Testis

Hyperplasia, Nos

Islet-Cell Adenoma

Lipoidosis

Thymus

Hyperplasia, Interstitial Cell

Thyroid

Follicle

Spermatogenic Arrest

Urinary bladder

Involution, Nos

Atrophy, Nos

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: 17:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_532

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Epididymis		Abscess, Nos
Intestine Large	Large Intestine, Colon Intestinal Tract	Inflammation, Acute Diffuse Postmortem Change
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos
Pituitary gland		Cytoplasmic Vacuolization Degeneration, Hyaline
Salivary gland	Submaxillary Gland Nos	Fibrosing Adenosis
Stomach	Cardiac Stomach Cardiac Stomach	Acanthosis Hyperkeratosis
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: 17:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_533

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large
Liver
Pancreas
Stomach

Testis
Unspecified

Gastrointestinal Tract

Cardiac Stomach
Cardiac Stomach

Multiple Organs Nos

Postmortem Change
Cirrhosis, Portal
Lipoidosis
Acanthosis
Hyperkeratosis
Abscess, 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: 17:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_541

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large
Kidney
Liver

Gastrointestinal Tract

Postmortem Change
Nephropathy
Angiectasis
Cyst, Multiple
Dilatation, Nos
Inflammation, Acute Suppurative
Lipoidosis
Involution, Nos

Lung
Pancreas
Thymus

Bile Duct
Alveoli

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 17:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_542

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart		Dilatation, Nos
Intestine Large	Gastrointestinal Tract	Postmortem Change
Liver	Centrilobular	Congestion, Passive
		Necrosis, Focal
Lung	Alveoli	Histiocytosis
Pancreas		Lipoidosis
Pituitary gland		Cytoplasmic Vacuolization
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: 17:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_543

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Auricular Appendage Nos	Thrombosis, Nos
Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney		Nephropathy
Liver	Portal Tract	Fibrosis
Lymph node	Mesenteric Lymph Node	Inflammation, Chronic
Pancreas		Postmortem Change
Seminal vesicle		Inflammation, Chronic Focal
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: 17:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_551

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large
Kidney
Liver

Gastrointestinal Tract

Centrilobular

Postmortem Change
Nephropathy
Congestion, Passive
Necrosis, Focal
Islet-Cell Adenoma
Inflammation, Acute Suppurative
Amyloidosis

Pancreas
Prostate
Unspecified

Islets

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: 17:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_552

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney
Liver
Pancreas

Nephropathy
Cyst, 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: 17:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_553

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Epididymis		Aspermatogenesis
Intestine Large	Large Intestine, Colon	Inflammation, Acute Suppurative
	Colon	Intussusception
	Colon	Necrosis, Nos
Kidney		Nephropathy
Liver		Cirrhosis, Portal
Pancreas	Islets	Hyperplasia, Nos
Prostate		Inflammation, Chronic Focal
Spleen		Hypoplasia, Nos
Testis		Spermatogenic Arrest
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: 17:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_561

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Amyloidosis

Heart

Left Atrium Nos

Hemorrhage

Kidney

Thrombus, Organized

Liver

Centrilobular

Nephropathy

Congestion, Passive

Pancreas

Necrosis, Focal

Parathyroid gland

Lipoidosis

Pituitary gland

Hyperplasia, Nos

Skin

Cytoplasmic Vacuolization

Spleen

Inflammation, Acute Focal

Thymus

Hypoplasia, Lymphoid

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: 17:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_562

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Amyloidosis

Brain

Medulla

Hyperplasia, Focal

Heart

Cytoplasmic Vacuolization

Dilatation, Nos

Liver

Left Atrium Nos

Thrombus, Organized

Centrilobular

Congestion, Passive

Necrosis, Focal

Lung

Inflammation, Interstitial

Lymph node

Mesenteric Lymph Node

Hyperplasia, Nos

Pancreas

Lipoidosis

Stomach

Cardiac Stomach

Acanthosis

Cardiac Stomach

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: 17:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_563

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow
Intestine Large
Lymph node
Pancreas
Prostate
Seminal vesicle

Gastrointestinal Tract

Congestion, Nos
Inflammation, Suppurative
Hyperplasia, Nos
Lipoidosis
Retention Of Content
Retention Of Content

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 17:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_571

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Epididymis

Kidney

Lung

Lymph node

Prostate

Seminal vesicle

Testis

Cortex

Mesenteric Lymph Node

Cortical Carcinoma
Aspermatogenesis
Granuloma, Spermatic
Infarct, Nos
Inflammation, Interstitial
Hyperplasia, Nos
Abscess, Nos
Abscess, Nos
Hyperplasia, Interstitial Cell
Spermatogenic Arrest

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 17:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_572

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow
Intestine Large
Lymph node
Prostate
Seminal vesicle

Intestinal Tract

Congestion, Nos
Inflammation, Suppurative
Hyperplasia, Nos
Retention Of Content
Retention Of Content

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 17:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_573

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Lymph node
Prostate
Seminal vesicle
Thymus

Hyperplasia, Nos
Retention Of Content
Retention Of Content
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: 17:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_581

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis		Oligospermia
		Spermatocoele
Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney		Nephropathy
Liver		Cirrhosis, Portal
	Centrilobular	Hepatocytomegaly
	Kupffer Cell	Pigmentation, Nos
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos
Pancreas		Lipoidosis
Seminal vesicle		Abscess, Nos
Testis		Spermatogenic Arrest
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: 17:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_582

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Kidney		Nephropathy
Lung		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos
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: 17:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_583

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart		Dilatation, Nos
Kidney		Nephropathy
Liver	Centrilobular	Congestion, Passive
		Necrosis, Focal
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: 17:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_591

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis Cortical Adenoma
Heart	Myocardium Nos Left Atrium Nos	Fibrosis, Focal Thrombus, Organized
Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney		Nephropathy
Lung	Alveoli	Histiocytosis
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos
Pancreas		Lipoidosis
Pituitary gland		Cytoplasmic Vacuolization
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: 17:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_592

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Lung		Pneumonia, Interstitial Chronic
Pancreas		Lipoidosis
Skin	Circumanal Gland	Inflammation, Chronic
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	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: 17:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_593

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Pancreas

Spleen

Thymus

Unspecified

Left Atrium Nos

Centrilobular

Multiple Organs Nos

Hyperplasia, Focal

Thrombus, Organized

Nephropathy

Nephrosis, Hydro

Congestion, Passive

Necrosis, Focal

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: 17:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_601

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Gastrointestinal Tract

Postmortem Change

Kidney

Nephropathy

Liver

Centrilobular

Congestion, Passive

Necrosis, Focal

Lung

Pneumonia, Interstitial Chronic

Pituitary gland

Cytoplasmic Vacuolization

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: 17:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_602

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Unspecified

Multiple Organs Nos
Multiple Organs Nos

Nephropathy
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: 17:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_603

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
		Cortical Adenoma
Epididymis		Aspermatogenesis
		Cast, Nos
Heart	Left Atrium Nos	Thrombus, Organized
Kidney		Nephropathy
Liver	Centrilobular	Congestion, Passive
		Necrosis, Focal
Lung	Alveoli	Histiocytosis
Pancreas	Acinus	Cyst, Nos
Skin	Circumanal Gland	Inflammation, Acute
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	Hyperkeratosis
Testis		Spermatogenic Arrest
Thymus		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: 17:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_611

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large	Intestinal Tract	Inflammation, Acute Suppurative
	Intestinal Tract	Postmortem Change
Kidney		Nephropathy
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Prostate		Retention Of Content
Seminal vesicle		Retention Of Content
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: 17:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_612

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone	Rib	Osteosarcoma
Intestine Small	Ileum	Regeneration, Incomplete
Lung		Osteosarcoma, Metastatic
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Seminal vesicle		Retention Of Content
Thymus		Involution, Nos
Thyroid		Adenoma, Nos
		Hyperplasia, Nodular

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 17:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_613

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large	Colon	Inflammation, Chronic Focal
Kidney		Nephropathy
Liver	Portal Tract	Fibrosis
Pancreas		Lipoidosis
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: 17:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_621

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Dilatation, Nos

Brain

Gliosis

Epididymis

Granuloma, Spermatic

Liver

Portal Tract

Lymphocytic Inflammatory Infiltrate

Lymph node

Cervical Lymph Node Nos

Hyperplasia, Nos

Pancreas

Lipoidosis

Parathyroid gland

Hyperplasia, Nos

Prostate

Hyperplasia, Epithelial

Skin

Inflammation, Nos

Thymus

Involution, Nos

Thyroid

Cyst, Colloid

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 17:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_622

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart		Dilatation, Nos
	Left Atrium Nos	Thrombus, Organized
Kidney		Nephropathy
Liver	Centrilobular	Congestion, Passive
Lung	Alveoli	Histiocytosis
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
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: 17:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_623

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis
Intestine Large
Skin

Gastrointestinal Tract
Circumanal Gland

Granuloma, Spermatic
Postmortem Change
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: 17:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_631

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
		Cortical Carcinoma
	Medulla	Hyperplasia, Focal
Epididymis		Aspermatogenesis
Kidney		Nephropathy
Liver	Centrilobular	Congestion, Passive
		Cyst, Multiple
		Necrosis, Focal
Lung		Inflammation, Interstitial
Pancreas		Lipoidosis
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	Hyperkeratosis
Testis		Atrophy, Nos
		Inflammation, Chronic
		Spermatogenic Arrest

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 17:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_632

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large
Kidney
Lung
Seminal vesicle
Unspecified

Cortex Nos
Gastrointestinal Tract

Alveoli

Multiple Organs Nos

Hyperplasia, Focal
Postmortem Change
Nephropathy
Histiocytosis
Inflammation, Chronic 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: 17:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_633

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Epididymis
Intestine Large
Parathyroid gland
Prostate
Spleen
Testis

Cortex Nos

Gastrointestinal Tract

Amyloidosis
Abscess, Nos
Postmortem Change
Adenoma, Nos
Inflammation, Chronic
Hypoplasia, Lymphoid
Hyperplasia, Interstitial Cell
Spermatogenic Arrest

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 17:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_641

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large	Intestinal Tract	Inflammation, Acute
Liver	Bile Duct	Dilatation, Nos
Pancreas		Lipoidosis
Pituitary gland		Cytoplasmic Vacuolization
Thymus		Involution, Nos
Thyroid	Follicle	Atrophy, 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: 17:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_642

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney

Glomerulus

Liver

Pancreas
Pituitary gland

Cortical Adenoma
Amyloidosis
Nephropathy
Cytoplasmic Vacuolization
Necrosis, Focal
Lipoidosis
Cytoplasmic Vacuolization

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 17:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_643

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Gall bladder		Edema, Nos
Heart	Left Atrium Nos	Thrombus, Organized
Kidney		Nephropathy
Liver	Centrilobular	Cirrhosis, Portal Congestion, Passive Cyst, Multiple Necrosis, Focal
Lung	Alveoli	Histiocytosis
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	Hyperkeratosis
	Fundus	Hyperplasia, Epithelial
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: 17:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_651

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Amyloidosis

Medulla

Hyperplasia, Focal

Epididymis

Aspermatogenesis

Heart

Left Atrium Nos

Thrombus, Organized

Intestine Large

Gastrointestinal Tract

Postmortem Change

Kidney

Nephropathy

Liver

Cyst, Multiple

Lung

Alveoli

Histiocytosis

Lymph node

Mesenteric Lymph Node

Hyperplasia, Nos

Pancreas

Lipoidosis

Pituitary gland

Cytoplasmic Vacuolization

Spleen

Cyst, Hemorrhagic

Testis

Spermatogenic Arrest

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: 17:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_652

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney		Nephropathy
Lung	Alveoli	Histiocytosis
Spleen		Hematopoiesis
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: 17:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_653

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large	Cecum, Colon	Inflammation, Focal
Kidney		Nephropathy
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Skin		Inflammation, Chronic
Spleen		Hypoplasia, Nos
Stomach	Cardiac Stomach	Metaplasia, Squamous
Testis		Hyperplasia, Interstitial Cell
Unspecified	Multiple Organs Nos	Amyloidosis
	Abdominal Viscera	Periarteritis
	Pelvic Organs	Periarteritis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C60253B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, amosite

CAS Number: 12172-73-5

Date Report Requested: 10/26/2014

Time Report Requested: 17:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_661

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Epididymis

Cortex Nos

Hyperplasia, Focal
Abscess, Nos
Aspermatogenesis

Heart
Intestine Large
Intestine Small
Kidney
Liver

Left Ventricle Nos
Cecum, Colon
Ileum

Cast, Nos
Embolism, Nos
Hyperplasia, Epithelial
Regeneration, Incomplete
Nephropathy
Angiectasis
Cirrhosis, Portal
Inflammation, Acute Diffuse

Pituitary gland
Skeletal muscle
Spleen
Stomach

Cardiac Stomach
Cardiac Stomach

Cytoplasmic Vacuolization
Inflammation, Acute
Hypoplasia, Lymphoid
Acanthosis
Hyperkeratosis
Spermatogenic Arrest

Testis
Thymus
Unspecified
Urinary bladder

Multiple Organs 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: 17:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_662

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis
Intestine Large
Kidney

Gastrointestinal Tract
Glomerulus

Liver
Pancreas
Thymus

Mineralization
Postmortem Change
Amyloidosis
Nephropathy
Cyst, Multiple
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: 17:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_663

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain		Congestion, Nos
Heart		Calcification, Nos
		Necrosis, Focal
Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney		Nephropathy
Liver		Congestion, Nos
	Portal Tract	Fibrosis
Lung		Congestion, Nos
Spleen		Depletion, Lymphoid
Testis		Spermatogenic Arrest
Thymus		Atrophy, Nos
Unspecified	Perineum	Inflammation, Chronic
Urinary bladder		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: 17:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_671

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Gastrointestinal Tract

Postmortem Change

Intestine Small

Ileum

Inflammation, Chronic

Liver

Cirrhosis, Portal

Lung

Alveoli

Inflammation, Interstitial

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: 17:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_672

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
	Medulla	Hyperplasia, Focal
Bone marrow		Aplasia, Hematopoietic
Epididymis		Aspermatogenesis
Heart		Dilatation, Nos
	Left Atrium Nos	Thrombus, Organized
Kidney		Nephropathy
Liver	Centrilobular	Congestion, Passive
		Cytoplasmic Vacuolization
		Necrosis, Focal
Lung		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos
Pancreas		Lipoidosis
Prostate		Inflammation, Acute Suppurative
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	Hyperkeratosis
Testis		Hyperplasia, Interstitial Cell
		Spermatogenic Arrest

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 17:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_673

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Epididymis
Intestine Large
Kidney
Liver
Spleen
Testis

Gastrointestinal Tract

Aspermatogenesis
Postmortem Change
Nephropathy
Cirrhosis, Portal
Hyperplasia, Nos
Hyperplasia, Interstitial Cell
Spermatogenic Arrest
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: 17:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_681

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Epididymis		Abscess, Nos
Intestine Large	Gastrointestinal Tract	Inflammation, Acute Suppurative
	Gastrointestinal Tract	Postmortem Change
Kidney		Inflammation, Chronic
		Nephropathy
Liver		Congestion, Nos
Lung		Congestion, Nos
		Hemorrhage
Lymph node	Cervical Lymph Node Nos	Hyperplasia, Nos
Stomach		Acanthosis
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: 17:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_683

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis		Aspermatogenesis
Heart	Left Atrium Nos	Thrombus, Organized
Kidney		Nephropathy
Liver		Necrosis, Focal
Lung		Inflammation, Interstitial
Pancreas		Lipoidosis
Spleen		Hematopoiesis
Testis		Hyperplasia, Interstitial Cell
		Spermatogenic Arrest
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: 17:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_691

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Persistent Embryonic Structure
Epididymis		Aspermatogenesis
Intestine Large	Gastrointestinal Tract	Postmortem Change
Liver	Portal Tract	Amyloidosis
		Angiectasis
Skin		Cirrhosis, Portal
Spleen		Inflammation, Chronic
Stomach	Cardiac Stomach	Hematopoiesis
	Cardiac Stomach	Acanthosis
Testis		Hyperkeratosis
		Spermatogenic Arrest

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 17:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_692

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis		Aspermatogenesis
Kidney		Nephropathy
Liver	Bile Duct	Inflammation, Acute Diffuse
	Kupffer Cell	Pigmentation, Nos
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	Hyperkeratosis
Unspecified	Multiple Organs Nos	Amyloidosis
	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type

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: 17:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_693

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Epididymis		Aspermatogenesis
Heart	Mitral Valve Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Pancreas		Lipoidosis
Pituitary gland		Cytoplasmic Vacuolization
Prostate		Inflammation, Chronic
Spleen		Hematopoiesis
Testis		Spermatogenic Arrest
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: 17:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_701

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Amyloidosis

Cortex Nos

Hyperplasia, Focal

Intestine Large

Intestinal Tract

Postmortem Change

Kidney

Cortex

Infarct, Nos

Liver

Centrilobular

Nephropathy

Congestion, Passive

Necrosis, Focal

Lung

Alveoli

Regeneration, Nodular

Thyroid

Follicle

Histiocytosis

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: 17:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_702

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large

Colon

Inflammation, Nos

Rectum

Prolapse

Testis

Spermatogenic Arrest

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 17:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_703

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large

Large Intestine, Colon
Intestinal Tract

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

Lung
Lymph node
Pancreas
Thymus

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: 17:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_711

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large
Kidney
Liver

Gastrointestinal Tract

Centrilobular

Lung
Pituitary gland
Spleen
Unspecified

Postmortem Change
Nephropathy
Congestion, Passive
Necrosis, Focal
Pneumonia, Interstitial Chronic
Cytoplasmic Vacuolization
Hypoplasia, Lymphoid
Amyloidosis

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: 17:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_712

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Mitral Valve Nos	Inflammation, Chronic
	Mitral Valve Nos	Thrombus, Organized
Intestine Large	Colon	Abscess, Nos
	Intestinal Tract	Inflammation, Acute
Kidney		Nephropathy
Liver		Cirrhosis, Portal
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos
Pancreas		Lipoidosis
Seminal vesicle		Retention Of Content
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: 17:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_713

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis		Aspermatogenesis
Intestine Large	Pericolonic Tissue, Colon	Inflammation, Pyogranulomatous
Kidney		Nephropathy
Liver		Cirrhosis, Portal
Testis		Spermatogenic Arrest
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: 17:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_722

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large
Lung
Pancreas
Thymus

Cortex Nos
Intestinal Tract

Amyloidosis
Postmortem Change
Inflammation, Interstitial
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: 17:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_723

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Kidney		Nephropathy
Liver		Cloudy Swelling
		Cyst, Multiple
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Pituitary gland		Cyst, Nos
		Cytoplasmic Vacuolization
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: 17:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_731

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Focal

Heart

Mitral Valve Nos

Inflammation, Chronic

Left Ventricle Nos

Thrombosis, Nos

Kidney

Nephropathy

Liver

Inflammation, Acute Diffuse

Lung

Alveoli

Histiocytosis

Lymph node

Colo-Rectal Lymph Node

Hyperplasia, Nos

Pancreas

Lipoidosis

Pituitary gland

Cytoplasmic Vacuolization

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: 17:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_732

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis		Oligospermia
Heart	Myocardium Nos	Necrosis, Focal
Kidney		Nephropathy
Liver		Inflammation, Acute Focal
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Pituitary gland		Cytoplasmic Vacuolization
Prostate		Abscess, Nos
Seminal vesicle		Abscess, Nos
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	Hyperkeratosis
Thymus		Involution, 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: 17:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_733

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland Epididymis	Cortex Nos	Hyperplasia, Focal Aspermatogenesis Cast, Nos
Intestine Large	Colon Gastrointestinal Tract	Intussusception Postmortem Change
Kidney		Nephropathy
Liver		Cirrhosis, Portal
Testis		Spermatogenic Arrest
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: 17:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_741

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
	Cortex Nos	Necrosis, Focal
Heart	Left Atrium Nos	Thrombus, Organized
Kidney		Nephropathy
Liver	Centrilobular	Congestion, Passive
		Necrosis, Focal
Pancreas	Islets	Islet-Cell Adenoma
		Lipoidosis
Spleen		Hematopoiesis

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: 17:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_742

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Cortical Adenoma Pheochromocytoma
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Rectum	Adenomatous Polyp, Nos
	Gastrointestinal Tract	Postmortem Change
Kidney	Glomerulus	Amyloidosis Nephropathy
Liver	Centrilobular	Congestion, Passive
Lung	Alveoli	Histiocytosis
Pancreas	Islets	Islet-Cell Adenoma Lipoidosis
Parathyroid gland		Hyperplasia, Nos
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	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: 17:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_743

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Gastrointestinal Tract	Postmortem Change
Lung		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos
Pancreas		Lipoidosis
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: 17:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_751

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver	Centrilobular	Congestion, Passive Cyst, Multiple
	Bile Duct	Dilatation, Nos
Pancreas		Lipoidosis
Spleen		Hematopoiesis
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: 17:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_752

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis		Aspermatogenesis
Heart	Myocardium Nos	Necrosis, Focal
Intestine Large	Gastrointestinal Tract	Postmortem Change
Liver		Cirrhosis, Portal
Spleen		Hypoplasia, Nos
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	Hyperkeratosis
Testis		Spermatogenic Arrest
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: 17:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_753

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow		Aplasia, Hematopoietic
Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney		Nephropathy
Liver		Cirrhosis, Portal
	Hepatic Lobule	Lymphocytic Inflammatory Infiltrate
Prostate		Inflammation, Acute Suppurative
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: 17:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_761

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis		Aspermatogenesis
		Granuloma, Spermatic
Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney		Nephropathy
Liver		Cirrhosis, Portal
Pancreas		Lipoidosis
Prostate		Inflammation, Chronic
Seminal vesicle		Inflammation, Chronic
Skin		Inflammation, Chronic Focal
Spleen		Hypoplasia, Nos
Testis		Spermatogenic Arrest
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: 17:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_762

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Lymph node
Pancreas
Prostate
Seminal vesicle

Hyperplasia, Nos
Lipoidosis
Retention Of Content
Retention Of Content

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 17:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_763

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Aplasia, Hematopoietic
Epididymis		Cast, Nos
Intestine Small	Ileum	Inflammation, Chronic
	Ileum	Regeneration, Incomplete
Kidney	Glomerulus	Amyloidosis
		Nephropathy
Lymph node		Hyperplasia, Nos
Testis		Spermatogenic Arrest
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: 17:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_771

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis		Aspermatogenesis
Kidney		Nephropathy
Liver		Cirrhosis, Portal
		Lymphocytic Inflammatory Infiltrate
Pancreas		Lipoidosis
Pituitary gland		Cytoplasmic Vacuolization
Spleen		Hypoplasia, Nos
Testis		Hyperplasia, Interstitial Cell
		Spermatogenic Arrest
Thymus		Involution, Nos
Thyroid		C-Cell Adenoma
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: 17:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_772

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Epididymis

Medulla

Hyperplasia, Focal
Aspermatogenesis
Cast, Nos

Heart
Intestine Large

Left Atrium Nos
Colon

Thrombus, Organized
Intussusception

Kidney

Gastrointestinal Tract

Postmortem Change

Liver

Nephropathy

Spleen

Cyst, Multiple

Stomach

Cardiac Stomach

Hypoplasia, Lymphoid

Testis

Hyperplasia, Papillary

Unspecified

Multiple Organs Nos

Spermatogenic Arrest

Urinary bladder

Amyloidosis
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: 17:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_773

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis		Cast, Nos
Heart	Left Atrium Nos	Thrombus, Organized
Kidney		Nephropathy
Liver	Centrilobular	Congestion, Passive
Lung	Alveoli	Congestion, Nos
Seminal vesicle		Inflammation, Chronic
		Mineralization
Testis		Spermatogenic Arrest
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: 17:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_781

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney		Nephropathy
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Pancreas		Lipoidosis
Spleen		Hypoplasia, Lymphoid
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: 17:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_782

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Congestion, Nos
Heart	Myocardium Nos	Inflammation, Acute Focal Mineralization
Intestine Large	Intestinal Tract	Inflammation, Acute Suppurative Mineralization
Kidney		Nephropathy Thrombus, Organized
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Pancreas		Metamorphosis, Fatty
Prostate		Retention Of Content
Seminal vesicle		Retention Of Content
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: 17:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_791

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel	Ascending Aorta	Arteriosclerosis, Nos
Epididymis		Spermatocele
Liver	Bile Duct	Dilatation, Nos
	Centrilobular	Hepatocytomegaly
Lymph node		Hyperplasia, Nos
Stomach	Cardiac Stomach	Mineralization
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: 17:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_792

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Amyloidosis

Medulla

Dilatation, Nos

Cortex Nos

Hyperplasia, Focal

Heart

Myocardium Nos

Necrosis, Focal

Intestine Large

Anus Nos

Cyst, Epidermal Inclusion

Kidney

Nephropathy

Liver

Cirrhosis, Portal

Cyst, Multiple

Inflammation, Acute Focal

Lung

Emphysema, Alveolar

Pancreas

Dilatation, Ducts

Lipoidosis

Pituitary gland

Cytoplasmic Vacuolization

Spleen

Hypoplasia, Nos

Stomach

Cardiac Stomach

Acanthosis

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: 17:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_793

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Cyst, Multiple
Pancreas	Islets	Islet-Cell Adenoma
		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: 17:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_801

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis
Intestine Large
Pituitary gland
Testis

Gastrointestinal Tract

Aspermatogenesis
Postmortem Change
Cytoplasmic Vacuolization
Hyperplasia, Interstitial Cell
Spermatogenic Arrest
Cyst, Colloid

Thyroid

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 17:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_802

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Gastrointestinal Tract

Inflammation, Proliferative

Liver

Gastrointestinal Tract

Postmortem Change

Lung

Degeneration, Hyaline

Lymph node

Inflammation, Interstitial

Pancreas

Hyperplasia, Lymphoid

Prostate

Lipoidosis

Seminal vesicle

Retention Of Content

Retention Of Content

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 17:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_803

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lymph node

Thymus

Left Atrium Nos

Glomerulus

Mesenteric Lymph Node

Cortical Adenoma

Thrombus, Organized

Amyloidosis

Nephropathy

Cyst, Multiple

Inflammation, Acute Focal

Hyperplasia, 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: 17:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_811

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Small
Pancreas
Unspecified

Ileum
Multiple Organs Nos

Inflammation, Acute
Lipoidosis
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: 17:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_812

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
	Medulla	Hyperplasia, Focal
Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney		Adenocarcinoma, Nos
		Nephropathy
Lung	Alveoli	Histiocytosis
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Pituitary gland		Cytoplasmic Vacuolization
Seminal vesicle		Inflammation, Chronic
		Mineralization
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: 17:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_813

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Hemorrhage
Epididymis		Aspermatogenesis
Heart	Left Atrium Nos	Thrombus, Organized
Kidney		Nephropathy
Liver		Cirrhosis, Portal
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Testis		Hyperplasia, Interstitial Cell
		Spermatogenic Arrest
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: 17:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_821

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Epididymis

Heart
Kidney

Liver

Lung
Testis

Left Atrium Nos
Glomerulus

Centrilobular

Alveoli

Cortical Adenoma
Aspermatogenesis
Cast, Nos
Granuloma, Spermatic
Thrombus, Organized
Amyloidosis
Nephropathy
Congestion, Passive
Cytoplasmic Vacuolization
Histiocytosis
Hyperplasia, Interstitial Cell
Spermatogenic Arrest

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 17:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_823

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Cortical Adenoma
	Cortex Nos	Hyperplasia, Nos
Heart	Left Atrium Nos	Thrombus, Organized
Kidney		Nephropathy
Liver	Centrilobular	Congestion, Passive
		Necrosis, Focal
Lung	Alveoli	Histiocytosis
Lymph node	Cervical Lymph Node Nos	Congestion, Nos
Pancreas		Lipoidosis
Skin	Circumanal Gland	Inflammation, Chronic
Spleen		Hematopoiesis

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: 17:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_831

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large
Liver
Lymph node
Pituitary gland
Skin
Thymus

Gastrointestinal Tract
Centrilobular
Colo-Rectal Lymph Node

Postmortem Change
Hepatocytomegaly
Hyperplasia, Nos
Degeneration, Hyaline
Inflammation, Chronic
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: 17:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_832

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large

Cecum, Colon
Gastrointestinal Tract

Kidney
Liver
Pancreas
Spleen
Thymus
Unspecified

Multiple Organs Nos

Hemorrhage
Inflammation, Acute Hemorrhagic
Postmortem Change
Nephropathy
Cirrhosis, Portal
Lipoidosis
Hypoplasia, Lymphoid
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: 17:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_833

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis		Aspermatogenesis
Heart	Left Ventricle Nos	Embolism, Nos
Intestine Large	Gastrointestinal Tract	Postmortem Change
Liver		Cirrhosis, Portal
Lung		Pneumonia, Interstitial Chronic
Spleen		Hypoplasia, Nos
Testis		Granuloma, Spermatic
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: 17:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_841

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis		Aspermatogenesis Cast, Nos
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Gastrointestinal Tract	Postmortem Change
Liver	Centrilobular	Congestion, Passive
Lung		Inflammation, Interstitial
Lymph node	Cervical Lymph Node Nos	Hyperplasia, Nos
Pancreas		Lipoidosis
Seminal vesicle		Inflammation, Chronic Mineralization
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	Hyperkeratosis
Testis		Hyperplasia, Interstitial Cell Spermatogenic Arrest
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: 17:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_842

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland Epididymis	Cortex Nos	Hyperplasia, Focal Aspermatogenesis Spermatocele
Heart Kidney	Left Atrium Nos Glomerulus	Thrombus, Organized Amyloidosis Nephropathy
Lung Lymph node Pancreas	Alveoli Mesenteric Lymph Node Acinus	Histiocytosis Hyperplasia, Nos Cyst, Multiple Lipoidosis
Pituitary gland Testis		Cytoplasmic Vacuolization Hyperplasia, Interstitial Cell Spermatogenic Arrest
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: 17:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_843

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney		Nephropathy
Liver	Centrilobular	Congestion, Passive
Lung	Alveoli	Histiocytosis
Spleen		Hypoplasia, Lymphoid
Testis		Hyperplasia, Interstitial Cell
		Spermatogenic Arrest
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: 17:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_851	TRT#: 2 DOSE: 10000 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland Epididymis	Cortex Nos	Amyloidosis Inflammation, Chronic Mineralization	
Intestine Large Liver Pancreas Spleen Thymus Thyroid	Gastrointestinal Tract Follicle	Postmortem Change Cyst, Nos Lipoidosis Hyperplasia, Lymphoid Involution, Nos 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: 17:51:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_852

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland		Cortical Adenoma
	Medulla	Hyperplasia, Focal
Epididymis		Aspermatogenesis
		Cast, Nos
Heart	Left Atrium Nos	Thrombus, Organized
Kidney	Glomerulus	Amyloidosis
		Nephropathy
Liver	Centrilobular	Congestion, Passive
		Necrosis, Focal
Lung	Alveoli	Histiocytosis
Pancreas	Islets	Islet-Cell Adenoma
Parathyroid gland		Hyperplasia, Nos
Seminal vesicle		Inflammation, Chronic
		Mineralization
Skin		Inflammation, Chronic
Spleen		Hematopoiesis
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	Hyperkeratosis
Testis		Hyperplasia, Interstitial Cell
		Spermatogenic Arrest
Thymus		Involution, Nos
Thyroid	Follicle	Atrophy, Nos

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: 17:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_853

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis		Aspermatogenesis
Intestine Large	Cecum, Colon	Abscess, Nos
	Intestinal Tract	Postmortem Change
Kidney		Nephropathy
Liver		Cirrhosis, Portal
Prostate		Inflammation, Chronic
Seminal vesicle		Inflammation, Chronic
Spleen	Red Pulp	Hypoplasia, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Urinary bladder		Inflammation, Chronic

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: 17:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_861

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Cortex Nos	Amyloidosis Hyperplasia, Focal
Epididymis		Oligospermia
Kidney		Nephropathy
Parathyroid gland		Hyperplasia, Nos
Testis		Hyperplasia, Interstitial Cell Spermatogenic Arrest
Thymus		Involution, Nos
Thyroid	Follicle	Atrophy, Nos

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: 17:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_862

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Glomerulus	Amyloidosis Nephropathy
Liver	Centrilobular	Transitional-Cell Carcinoma Congestion, Passive Necrosis, Focal
Pituitary gland		Cytoplasmic Vacuolization
Spleen		Hematopoiesis
Thymus		Involution, Nos

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: 17:51:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_863

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Epididymis

Aspermatogenesis

Intestine Large

Gastrointestinal Tract

Spermatocoele

Kidney

Postmortem Change

Liver

Nephropathy

Pituitary gland

Cirrhosis, Portal

Prostate

Cytoplasmic Vacuolization

Seminal vesicle

Inflammation, Acute Focal

Testis

Inflammation, Acute

Unspecified

Multiple Organs Nos

Spermatogenic Arrest

Amyloidosis

PRIMARY CAUSE OF DEATH

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**** END OF REPORT ****

* PROTOCOL REQUIRED TISSUE