

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:52
First Dose M/F: NA / NA
Lab: NA

C Number:	C61223B
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Female

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_022

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Esophagus		Hyperkeratosis
Heart	Mitral Valve Nos	Inflammation, Proliferative
Intestine Large	Cecum, Colon	Inflammation, Focal
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lymph node	Cervical Lymph Node Nos	Hyperplasia, Nos
Ovary		Atrophy, Nos
		Corpus Atreticum
Skin		Inflammation, Chronic
Spleen		Hypoplasia, Nos
Stomach	Cardiac Stomach	Hyperkeratosis
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_023

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow		Congestion, Nos
Gall bladder		Edema, Nos
Intestine Large	Colon	Adenocarcinoma, Nos
	Gastrointestinal Tract	Inflammation, Suppurative
Kidney		Glomerulonephritis, Chronic
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Spleen		Hypoplasia, Lymphoid
Unspecified	Multiple Organs Nos	Amyloidosis
Urinary bladder		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_041

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow
Intestine Large
Kidney

Gastrointestinal Tract

Congestion, Nos
Inflammation, Suppurative
Glomerulonephritis, Chronic
Infarct, Nos

Liver
Lung
Lymph node
Spleen
Stomach
Unspecified

Fundus
Multiple Organs Nos

Cirrhosis, Portal
Inflammation, Interstitial
Hyperplasia, Nos
Hypoplasia, Nos
Hyperkeratosis
Amyloidosis

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_042

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Atrium	Thrombus, Mural
Intestine Large	Colon	Hyperplasia, Epithelial
	Large Intestine, Colon	Hyperplasia, Lymphoid
	Cecum, Colon	Inflammation, Chronic Focal
	Large Intestine, Colon	Postmortem Change
Kidney		Inflammation, Chronic
Liver		Congestion, Nos
Lung		Alveolar Macrophages
		Inflammation, Chronic
Stomach		Acanthosis
		Hyperkeratosis
Unspecified	Multiple Organs Nos	Amyloidosis
	Perineum Nos	Hyperplasia, Epithelial
Uterus		Congestion, Nos
		Leiomyoma
Vagina		Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_043

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Glomerulonephritis, Chronic
Liver	Bile Duct	Dilatation, Nos Hepatitis, Toxic Necrosis, Nos
Lung		Inflammation, Acute Diffuse
Lymph node		Hyperplasia, Nos
Parathyroid gland		Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_061

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Bone marrow		Congestion, Nos
Esophagus		Abscess, Nos
Intestine Large	Gastrointestinal Tract	Inflammation, Acute Suppurative
Intestine Small	Duodenum	Abscess, Nos
Kidney	Glomerulus	Amyloidosis
		Glomerulonephritis, Chronic
Liver		Amyloidosis
		Cirrhosis, Portal
Lymph node		Hyperplasia, Nos
Spleen		Hypoplasia, Lymphoid
Stomach	Fundus	Ulcer, Nos

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_062

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Congestion, Nos
Intestine Large	Gastrointestinal Tract	Inflammation, Acute
Kidney		Glomerulonephritis, Chronic
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Spleen		Hematopoiesis
		Hypoplasia, Lymphoid
Unspecified	Multiple Organs Nos	Amyloidosis
Urinary bladder		Hyperplasia, Papillary
		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_063

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large	Intestinal Tract	Inflammation, Acute
	Intestinal Tract	Postmortem Change
Kidney		Glomerulosclerosis, Nos
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_071

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Intestinal Tract

Inflammation, Acute

Kidney

Intestinal Tract

Postmortem Change

Liver

Glomerulonephritis, Chronic

Lung

Cirrhosis, Portal

Lymph node

Mesenteric Lymph Node

Inflammation, Acute Diffuse

Skin

Abscess, Nos

Spleen

Hyperplasia, Nos

Unspecified

Multiple Organs Nos

Ulcer, Nos

Hypoplasia, Nos

Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_072

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large

Intestinal Tract

Inflammation, Acute

Kidney

Intestinal Tract

Postmortem Change

Lung

Glomerulonephritis, Chronic

Lymph node

Inflammation, Acute Diffuse

Spleen

Hyperplasia, Nos

Hematopoiesis

Hypoplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_073

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Gall bladder		Calculus, Unknown Gross Or Micro
Intestine Large	Gastrointestinal Tract	Inflammation, Acute Suppurative
	Gastrointestinal Tract	Postmortem Change
Kidney		Glomerulonephritis, Chronic
Liver		Cirrhosis, Portal
Lymph node		Edema, Nos
		Hyperplasia, Nos
Spleen		Hypoplasia, Nos
Stomach	Cardiac Stomach	Hyperkeratosis
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos
Vagina		Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

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Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_081

TRT#: 1
DOSE: 0

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lymph node
Spleen

Red Pulp

Hyperplasia, Nos
Hematopoiesis
Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_082

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Gall bladder		Calculus, Unknown Gross Or Micro
Intestine Large	Gastrointestinal Tract	Inflammation, Acute Suppurative
Intestine Small	Ileum	Postmortem Change
Liver	Periportal	Amyloidosis
		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node		Lymphoma, Lymphocytic-Malignant Type
Pancreas		Lipoidosis
Parathyroid gland		Hyperplasia, Nos
Spleen		Amyloidosis
	Red Pulp	Hypoplasia, Nos
Thymus		Involution, Nos
Vagina		Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_091

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Large Intestine, Colon

Inflammation, Nos

Colon

Intussusception

Colon

Thrombosis, Nos

Intestine Small

Jejunum

Inflammation, Proliferative

Kidney

Glomerulus

Nephrosis, Nos

Liver

Cirrhosis, Portal

Lymph node

Hyperplasia, Nos

Ovary

Corpus Atreticum

Pancreas

Lipoidosis

Skin

Hyperkeratosis

Spleen

Hypoplasia, Nos

Stomach

Cardiac Stomach

Hyperkeratosis

Thymus

Involution, Nos

Unspecified

Multiple Organs Nos

Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_092

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Heart	Left Ventricle Nos	Thrombosis, Nos
	Left Atrium Nos	Thrombus, Organized
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung	Alveoli	Histiocytosis
Ovary		Corpus Atreticum
Skin		Hyperkeratosis
Spleen		Hemorrhage
		Hypoplasia, Nos
Thymus		Involution, Nos
Thyroid		Follicular-Cell Adenoma
Unspecified	Multiple Organs Nos	Amyloidosis
Vagina		Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_093

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Intestine Large	Colon	Inflammation, Nos
	Cecum, Colon	Postmortem Change
Intestine Small	Ileum	Regeneration, Incomplete
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Portal Tract	Amyloidosis
	Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Interstitial
Lymph node	Colo-Rectal Lymph Node	Hyperplasia, Nos
	Mesenteric Lymph Node	Hypoplasia, Nos
Pancreas		Lipoidosis
Thymus		Involution, Nos
Thyroid	Follicle	Atrophy, Nos
Uterus	Serosa	Congestion, Nos

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_101

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Anus Nos

Hyperkeratosis

Cecum, Colon

Inflammation, Acute Suppurative

Large Intestine, Colon

Inflammation, Nos

Intestine Small

Ileum

Postmortem Change

Kidney

Glomerulus

Nephrosis, Nos

Liver

Cirrhosis, Portal

Lung

Alveoli

Histiocytosis

Lymph node

Hyperplasia, Nos

Ovary

Atresia

Pancreas

Lipoidosis

Skin

Hyperkeratosis

Spleen

Hypoplasia, Nos

Thymus

Involution, Nos

Unspecified

Multiple Organs Nos

Amyloidosis

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_102

TRT#: 1
DOSE: 0

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Gall bladder
Kidney

Tubule

Lung
Lymph node
Spleen
Urinary bladder

Edema, Nos
Dilatation, Nos
Glomerulonephritis, Acute
Inflammation, Interstitial
Hyperplasia, Nos
Hypoplasia, Nos
Inflammation, Chronic

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_103

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Glomerulus	Nephrosis, Nos
Liver	Bile Duct	Hyperplasia, Nos
		Necrosis, Focal
Pancreas	Acinus	Atrophy, Nos
Stomach	Cardiac Stomach	Hyperkeratosis
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_111

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Heart	Cardiac Valve	Inflammation, Chronic
Intestine Large	Anus Nos	Hyperplasia, Nos
	Large Intestine, Colon	Inflammation, Nos
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Portal Tract	Amyloidosis
		Cirrhosis, Portal
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Skin		Ulcer, Acute
Spleen		Hematopoiesis
		Hypoplasia, Lymphoid
Stomach	Cardiac Stomach	Hyperkeratosis
Thymus		Involution, Nos
Thyroid		Cyst, Colloid
Urinary bladder		Hyperplasia, Papillary

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_113

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Cortical Adenoma
Intestine Large	Large Intestine, Colon	Inflammation, Nos
	Colon	Intussusception
	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lymph node		Hyperplasia, Nos
Pancreas	Islets	Islet-Cell Adenoma
Spleen		Hypoplasia, Nos
Stomach	Fundus	Ulcer, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

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Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_121

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Bone marrow
Heart
Intestine Small
Kidney

Liver
Lung
Lymph node
Spleen

Cortex Nos

Jejunum
Glomerulus

Amyloidosis
Congestion, Nos
Endocardiosis
Inflammation, Nos
Amyloidosis
Glomerulonephritis, Chronic
Cirrhosis, Portal
Inflammation, Interstitial
Hyperplasia, Nos
Amyloidosis
Hematopoiesis
Hypoplasia, Lymphoid

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_122

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Heart	Left Ventricle Nos	Thrombosis, Nos
	Left Atrium Nos	Thrombus, Organized
Intestine Large	Large Intestine, Colon	Inflammation, Nos
	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Mammary gland		Lactation
Ovary		Atresia
		Corpus Atreticum
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Urinary bladder		Hyperplasia, Papillary
Uterus	Serosa	Congestion, Nos
	Endometrium	Inflammation, Suppurative
Vagina		Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_141

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large
Kidney
Liver
Lymph node
Spleen
Unspecified

Intestinal Tract
Glomerulus

Mesenteric Lymph Node

Multiple Organs Nos

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

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_142

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Intestine Small	Ileum	Inflammation, Acute
Kidney		Glomerulonephritis, Chronic
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Spleen	Red Pulp	Hematopoiesis
		Hypoplasia, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_143

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Atrium	Thrombus, Mural
Intestine Large	Colon	Hemorrhage
	Colon	Ulcer, Nos
Intestine Small	Duodenum	Inflammation, Chronic
	Ileum	Postmortem Change
	Intestinal Villus, Ileum	Regeneration, Incomplete
Kidney		Inflammation, Chronic
Liver		Cirrhosis, Portal
		Congestion, Nos
Lung		Alveolar Macrophages
		Inflammation, Chronic
		Necrosis, Hemorrhagic
Spleen		Hematopoiesis
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos
Vagina		Acanthosis
		Hyperkeratosis
		Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_151

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Cecum, Colon

Inflammation, Acute Suppurative

Intestinal Tract

Postmortem Change

Kidney

Glomerulus

Nephrosis, Nos

Liver

Cirrhosis, Portal

Lung

Alveoli

Histiocytosis

Lymph node

Colo-Rectal Lymph Node

Hyperplasia, Nos

Ovary

Corpus Atreticum

Skin

Keratin-Pearl Formation

Unspecified

Multiple Organs Nos

Amyloidosis

Uterus

Endometrium

Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_152

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large

Colon

Amyloidosis

Large Intestine, Colon

Inflammation, Nos

Intestine Small

Duodenum

Postmortem Change

Liver

Bile Duct

Inflammation, Nos

Stomach

Cardiac Stomach

Hyperkeratosis

Cardiac Stomach

Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_153

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Congestion, Nos
Intestine Large	Colon	Inflammation, Acute Diffuse
Intestine Small	Ileum	Inflammation, Acute Suppurative
Kidney		Glomerulonephritis, Chronic
Lung		Congestion, Nos
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_161

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Anus Nos	Metaplasia, Squamous
	Intestinal Tract	Postmortem Change
Intestine Small	Ileum, Ileum	Inflammation, Nos
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lymph node		Hyperplasia, Nos
Ovary		Corpus Atreticum
Skin	Circumanal Gland	Inflammation, Acute Suppurative
Spleen		Hypoplasia, Nos
Stomach	Cardiac Stomach	Hyperkeratosis
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_162

TRT#: 1
DOSE: 0

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large
Kidney
Liver

Spleen

Cortex Nos
Colon
Glomerulus

Bile Duct

Hypertrophy, Nos
Amyloidosis
Nephrosis, Nos
Amyloidosis
Inflammation, Nos
Amyloidosis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_163

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large
Kidney
Lymph node
Stomach
Thymus

Cortex Nos
Intestinal Tract

Cardiac Stomach

Amyloidosis
Inflammation, Nos
Glomerulosclerosis, Nos
Hyperplasia, Nos
Hyperkeratosis
Involution, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_172

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Amyloidosis
Heart	Atrium	Thrombus, Mural
Intestine Large	Cecum, Colon	Nematodiasis
	Intestinal Tract	Postmortem Change
Kidney		Amyloidosis
		Inflammation, Chronic
Liver		Congestion, Nos
		Degeneration, Nos
	Hepatocytes	Necrosis, Nos
Lung		Alveolar Macrophages
		Hemorrhage
		Inflammation, Chronic
Spleen		Amyloidosis
Stomach		Acanthosis
		Hyperkeratosis
Thyroid		Follicular-Cell Adenoma
Unspecified	Perineum Nos	Acanthosis
	Perineum Nos	Hyperkeratosis
	Perineum Nos	Papilloma, Nos
Uterus	Serosa	Congestion, Nos
Vagina		Hyperplasia, Nos
		Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_173

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow

Congestion, Nos

Gall bladder

Metamorphosis, Fatty

Intestine Large

Gastrointestinal Tract

Calculus, Unknown Gross Or Micro

Kidney

Inflammation, Acute Suppurative

Liver

Gastrointestinal Tract

Postmortem Change

Lymph node

Glomerulonephritis, Chronic

Pancreas

Cirrhosis, Portal

Skin

Hyperplasia, Nos

Spleen

Lipoidosis

Unspecified

Hyperkeratosis

Multiple Organs Nos

Hypoplasia, Lymphoid

Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_181

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow
Gall bladder

Heart
Intestine Large
Kidney

Liver
Lung
Lymph node
Spleen
Unspecified
Urinary bladder

Atrium
Gastrointestinal Tract

Multiple Organs Nos

Congestion, Nos
Calculus, Unknown Gross Or Micro
Edema, Nos
Thrombosis, Nos
Inflammation, Nos
Glomerulonephritis, Chronic
Cirrhosis, Portal
Inflammation, Interstitial
Hyperplasia, Nos
Hypoplasia, Lymphoid
Amyloidosis
Inflammation, Necrotizing

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_183

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow

Heart

Intestine Large

Kidney

Liver

Lung

Lymph node

Spleen

Unspecified

Urinary bladder

Myocardium Nos

Myocardium Nos

Gastrointestinal Tract

Gastrointestinal Tract

Multiple Organs Nos

Congestion, Nos

Inflammation, Acute Focal

Mineralization

Inflammation, Acute Suppurative

Postmortem Change

Glomerulonephritis, Chronic

Cirrhosis, Portal

Inflammation, Interstitial

Hyperplasia, Nos

Hypoplasia, Lymphoid

Amyloidosis

Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_191

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Atrium	Thrombus, Mural
Intestine Large	Intestinal Tract	Inflammation, Chronic Focal
Kidney	Tubule	Dilatation, Nos Inflammation, Chronic
Liver		Cloudy Swelling Necrosis, Focal
Lung		Alveolar Macrophages Congestion, Nos Inflammation, Chronic
Stomach		Acanthosis Hyperkeratosis
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos
Vagina	Endometrium	Hyperplasia, Nos Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_193

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Congestion, Nos
Intestine Large	Gastrointestinal Tract	Inflammation, Acute Suppurative
Kidney		Mineralization
Liver		Cirrhosis, Portal
Lymph node		Hyperplasia, Nos
Spleen		Hypoplasia, Lymphoid
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_201

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Histiocytosis
Lymph node		Hyperplasia, Nos
Mammary gland		Lactation
Parathyroid gland		Hyperplasia, Nos
Thymus		Involution, Nos
Thyroid	Follicle	Atrophy, Nos
		Cyst, Colloid
Uterus	Endometrium	Hyperplasia, Nos
	Endometrium	Inflammation, Acute Suppurative
Vagina		Hyperkeratosis
		Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_202

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney

Cortex Nos
Glomerulus
Glomerulus

Amyloidosis
Amyloidosis
Nephrosis, Nos

Liver
Unspecified

Multiple Organs Nos

Amyloidosis
Postmortem Change

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_203

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Bone marrow		Congestion, Nos
Gall bladder		Edema, Nos
Heart		Dilatation, Nos
	Atrium	Thrombus, Organized
Intestine Large	Gastrointestinal Tract	Inflammation, Suppurative
	Gastrointestinal Tract	Postmortem Change
Kidney	Glomerulus	Amyloidosis
		Glomerulonephritis, Chronic
Liver	Bile Duct	Dilatation, Nos
		Inflammation, Focal
		Necrosis, Coagulative
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Urinary bladder		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_221

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Cecum, Colon	Inflammation, Nos
Intestine Small	Ileum	Regeneration, Incomplete
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
	Centrilobular	Congestion, Passive
Lung		Histiocytosis
Lymph node		Hyperplasia, Nos
Ovary		Corpus Atreticum
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Urinary bladder		Hyperplasia, Papillary
Uterus	Endometrium	Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_223

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Gall bladder		Calculus, Unknown Gross Or Micro
Intestine Large	Gastrointestinal Tract	Inflammation, Suppurative
	Gastrointestinal Tract	Postmortem Change
Kidney		Glomerulonephritis, Chronic
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Spleen		Hypoplasia, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_243

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large	Large Intestine, Colon	Inflammation, Nos
	Cecum, Colon	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung		Histiocytosis
Lymph node	Mesenteric Lymph Node	Edema, Nos
Spleen		Hypoplasia, Nos
Stomach	Fundus	Erosion
	Cardiac Stomach	Hyperplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_261

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Anus Nos

Metaplasia, Squamous

Intestinal Tract

Postmortem Change

Kidney

Glomerulus

Nephrosis, Nos

Liver

Cirrhosis, Portal

Lung

Inflammation, Interstitial

Ovary

Atrophy, Nos

Skin

Circumanal Gland

Corpus Atreticum

Spleen

Inflammation, Acute

Unspecified

Multiple Organs Nos

Hypoplasia, Nos

Uterus

Serosa

Amyloidosis

Vagina

Congestion, Nos

Inflammation, Acute Suppurative

Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_262

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Blood vessel	Aorta Nos	Arteriosclerosis
Intestine Large	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos
Spleen		Hypoplasia, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_263

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Atrium	Thrombus, Mural
	Ventricle	Thrombus, Mural
Intestine Large	Intestinal Tract	Postmortem Change
Kidney		Infarct, Nos
		Inflammation, Chronic
Liver		Cirrhosis, Portal
		Congestion, Nos
		Necrosis, Focal
Lung		Alveolar Macrophages
		Fibrosis
		Inflammation, Chronic
		Lymphocytic Inflammatory Infiltrate
		Perivasculitis
Pancreas		Postmortem Change
Parathyroid gland		Hyperplasia, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos
	Endometrium	Hyperplasia, Nos
Vagina		Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_281

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Auricular Appendage Nos	Thrombus, Organized
Intestine Large	Gastrointestinal Tract	Inflammation, Suppurative
	Gastrointestinal Tract	Postmortem Change
Kidney		Glomerulonephritis, Chronic
Liver		Angiectasis
	Portal Tract	Congestion, Nos
	Bile Duct	Hyperplasia, Nos
		Inflammation, Acute Hemorrhagic
Lung		Inflammation, Acute Focal
		Inflammation, Diffuse
Lymph node	Colo-Rectal Lymph Node	Edema, Nos
		Hyperplasia, Nos
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Urinary bladder		Inflammation, Chronic
Uterus	Serosa	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_282

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large

Cortex Nos
Gastrointestinal Tract
Gastrointestinal Tract

Amyloidosis
Inflammation, Acute Suppurative
Postmortem Change

Kidney

Glomerulus

Amyloidosis
Glomerulonephritis, Chronic

Liver

Periportal
Bile Duct

Amyloidosis
Hyperplasia, Nos
Inflammation, Focal
Necrosis, Coagulative

Lung

Inflammation, Interstitial

Lymph node

Hyperplasia, Nos

Spleen

Hyperplasia, Nos

Urinary bladder

Hyperplasia, Epithelial
Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_283

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Left Ventricle Nos	Thrombosis, Nos
Intestine Large	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node	Cervical Lymph Node Nos	Hyperplasia, Nos
Ovary		Atrophy, Nos
		Corpus Atreticum
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_291

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Intestinal Tract

Inflammation, Nos

Liver

Gastrointestinal Tract

Postmortem Change

Lung

Portal Tract

Amyloidosis

Lymph node

Cirrhosis, Portal

Pneumonia, Interstitial Chronic

Ovary

Hyperplasia, Nos

Pancreas

Corpus Atreticum

Spleen

Lipoidosis

Vagina

Amyloidosis

Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_292

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Congestion, Nos
Intestine Large	Intestinal Tract	Inflammation, Acute/Chronic
Kidney	Glomerulus	Amyloidosis
		Glomerulonephritis, Chronic
Liver		Amyloidosis
	Bile Duct	Hyperplasia, Nos
	Periportal	Necrosis, Coagulative
Lung		Inflammation, Acute Diffuse
Lymph node		Hyperplasia, Nos
Spleen		Atrophy, Nos
	Red Pulp	Hematopoiesis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_293

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Small	Jejunum	Inflammation, Focal
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung		Histiocytosis
Lymph node		Hyperplasia, Nos
Ovary		Atresia
Pancreas		Lipoidosis
Spleen		Hypoplasia, Lymphoid
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Urinary bladder		Hyperplasia, Papillary
Uterus	Serosa	Congestion, Nos
Vagina		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_301

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large	Intestinal Tract	Inflammation, Nos
	Colon	Intussusception
Intestine Small	Ileum	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lymph node		Hyperplasia, Nos
Spleen		Hypoplasia, Nos
Stomach	Cardiac Stomach	Hyperkeratosis
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Urinary bladder		Hyperplasia, Papillary
Uterus		Leiomyoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_302

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large
Intestine Small
Kidney
Liver

Lung
Lymph node
Salivary gland
Spleen

Cortex Nos
Cecum, Colon
Duodenum

Centrilobular
Bile Duct

Amyloidosis
Hyperplasia, Lymphoid
Inflammation, Acute
Glomerulonephritis, Chronic
Congestion, Nos
Hyperplasia, Nos
Congestion, Nos
Hyperplasia, Nos
Edema, Nos
Amyloidosis
Hypoplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_303

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Large

Cortex Nos
Left Auricular Appendage
Gastrointestinal Tract
Colon
Colon

Kidney
Liver
Lymph node
Unspecified
Vagina

Multiple Organs Nos

Atrophy, Nos
Thrombosis, Nos
Inflammation, Chronic
Intussusception
Necrosis, Hemorrhagic
Inflammation, Chronic
Cirrhosis, Portal
Inflammation, Chronic
Amyloidosis
Hyperplasia, Cystic
Inflammation, Suppurative
Papillary Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_311

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic Mineralization
Liver		Cirrhosis, Portal
Lung		Alveolar Macrophages Inflammation, Chronic
Pancreas	Islets	Islet-Cell Adenoma
Stomach		Acanthosis
Unspecified	Perineum Nos Multiple Organs Nos Perineum Nos	Acanthosis Amyloidosis Hyperkeratosis
Uterus	Serosa	Congestion, Nos
Vagina	Endometrium	Hyperplasia, Cystic Hyperkeratosis Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_312

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart
Intestine Large

Left Atrium Nos
Colon
Gastrointestinal Tract
Colon
Glomerulus

Kidney
Liver
Lung
Lymph node
Pancreas
Spleen
Stomach
Unspecified
Uterus
Vagina

Fundus
Multiple Organs Nos
Endometrium

Thrombus, Organized
Intussusception
Postmortem Change
Ulcer, Nos
Nephrosis, Nos
Cirrhosis, Portal
Inflammation, Interstitial
Hyperplasia, Nos
Lipoidosis
Hypoplasia, Nos
Ulcer, Nos
Amyloidosis
Inflammation, Acute
Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_313

TRT#: 1
DOSE: 0

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Bone marrow		Congestion, Nos
Intestine Large	Colon	Hyperplasia, Lymphoid
Liver	Portal Tract	Amyloidosis
		Cirrhosis, Portal
Lymph node		Hyperplasia, Nos
Salivary gland		Inflammation, Nos
Spleen		Hyperplasia, Lymphoid
	Red Pulp	Hypoplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_321

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Heart	Left Ventricle Nos	Thrombosis, Nos
Intestine Large	Large Intestine, Colon	Inflammation, Nos
	Colon	Intussusception
	Anus Nos	Persistent Cloaca
	Cecum, Colon	Ulcer, Nos
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Stomach	Fundus	Ulcer, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Urinary bladder		Hyperplasia, Papillary

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_322

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Mitral Valve Nos	Inflammation, Chronic
Intestine Large	Rectum	Inflammation, Chronic
Intestine Small	Intestinal Villus, Ileum	Regeneration, Incomplete
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung	Alveoli	Inflammation, Acute Diffuse
Lymph node	Colo-Rectal Lymph Node	Hyperplasia, Nos
Skin	Circumanal Gland	Inflammation, Chronic
Spleen		Hypoplasia, Nos
Stomach	Submucosa	Hemorrhage
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_323

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Cortical Adenoma
		Necrosis, Nos
Intestine Large	Colon	Intussusception
	Colon	Necrosis, Hemorrhagic
	Intestinal Tract	Postmortem Change
Kidney		Inflammation, Chronic
Liver		Cirrhosis, Portal
Lung		Edema, Nos
		Metaplasia, Osseous
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Endometrium	Hyperplasia, Cystic
Vagina		Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_331

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Gall bladder		Calculus, Unknown Gross Or Micro
		Edema, Nos
Heart	Atrium	Metaplasia, Osseous
	Atrium	Thrombosis, Nos
Intestine Large	Gastrointestinal Tract	Inflammation, Acute Suppurative
	Gastrointestinal Tract	Postmortem Change
	Gastrointestinal Tract	Ulcer, Nos
Kidney	Glomerulus	Amyloidosis
		Glomerulonephritis, Chronic
Liver	Periportal	Amyloidosis
		Cirrhosis, Portal
		Inflammation, Acute
		Lymphocytic Inflammatory Infiltrate
		Necrosis, Coagulative
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Ovary		Luteinization
Pancreas		Lipoidosis
Spleen	Red Pulp	Hypoplasia, Nos
Urinary bladder		Inflammation, Chronic

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_332

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Congestion, Nos
Intestine Large	Gastrointestinal Tract	Inflammation, Acute Suppurative
	Gastrointestinal Tract	Postmortem Change
Kidney		Glomerulonephritis, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Acute Diffuse
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Spleen		Hypoplasia, Lymphoid
Unspecified	Multiple Organs Nos	Amyloidosis
Urinary bladder		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_333

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Congestion, Nos
Gall bladder		Hyperplasia, Polypoid
Intestine Large	Intestinal Tract	Inflammation, Acute
Kidney		Glomerulonephritis, Chronic
Lung		Inflammation, Interstitial
Spleen		Hypoplasia, Lymphoid
Unspecified	Multiple Organs Nos	Amyloidosis
Urinary bladder		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_341

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Liver

Lung

Parathyroid gland

Spleen
Stomach

Unspecified

Uterus

Vagina

Capsule

Perineum Nos

Perineum Nos

Endometrium

Amyloidosis
Inflammation, Chronic
Amyloidosis
Congestion, Nos
Necrosis, Hemorrhagic
Alveolar Macrophages
Inflammation, Chronic
Hyperplasia, Nos
Amyloidosis
Inflammation, Acute Focal
Acanthosis
Edema, Nos
Hyperplasia, Nos
Hyperplasia, Cystic
Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_342	TRT#: 1 DOSE: 0	SEX: Female DISP: Natural Death	DAY ON TEST: HISTO:
<hr/> OBSERVATIONS			
Gall bladder		Edema, Nos	
Heart		Endocardiosis	
	Atrium	Thrombus, Organized	
Intestine Large	Anus Nos	Hyperkeratosis	
	Gastrointestinal Tract	Inflammation, Acute	
Intestine Small	Intestinal Villus, Ileum	Necrosis, Nos	
Kidney		Glomerulonephritis, Chronic	
	Pelvis	Hyperplasia, Epithelial	
		Thrombus, Organized	
Lung		Inflammation, Interstitial	
Lymph node		Edema, Nos	
		Hyperplasia, Nos	
Pancreas		Dilatation, Ducts	
		Mineralization	
Skin		Scar	
Spleen		Hypoplasia, Nos	
Unspecified	Multiple Organs Nos	Amyloidosis	
Vagina		Inflammation, Acute Suppurative	
<hr/> PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_343

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Small

Submucosa, Ileum
Duodenum

Congestion, Nos
Postmortem Change

Stomach

Mucosa

Inflammation, Focal
Ulcer, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_351

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Gall bladder		Calculus, Unknown Gross Or Micro
Heart	Myocardium Nos	Inflammation, Acute Focal
Intestine Large	Gastrointestinal Tract	Inflammation, Suppurative
	Gastrointestinal Tract	Postmortem Change
Kidney		Glomerulonephritis, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Interstitial
Lymph node		Edema, Nos
		Hyperplasia, Nos
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Urinary bladder		Hyperplasia, Papillary
		Inflammation, Chronic
Vagina		Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_352

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Intestine Large	Cecum, Colon	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung	Alveoli	Congestion, Nos
Ovary		Atrophy, Nos
		Corpus Atreticum
Skin		Inflammation, Chronic
Spleen		Hypoplasia, Nos
Stomach	Cardiac Stomach	Hyperkeratosis
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_353

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Congestion, Nos
Gall bladder		Necrosis, Nos
Heart	Atrium	Thrombosis, Nos
Intestine Large	Gastrointestinal Tract	Inflammation, Acute Suppurative
	Gastrointestinal Tract	Postmortem Change
Kidney		Glomerulonephritis, Chronic
Liver	Periportal	Amyloidosis
	Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Spleen		Amyloidosis
		Hypoplasia, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_381

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Intestine Large	Intestinal Tract	Inflammation, Acute
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Portal Tract	Amyloidosis
		Cirrhosis, Portal
	Centrilobular	Congestion, Nos
Lung	Alveoli	Inflammation, Acute Diffuse
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Thymus		Involution, Nos
Thyroid	Follicle	Atrophy, Nos
Uterus	Serosa	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_382

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Congestion, Nos
Heart	Myocardium Nos	Inflammation, Acute Focal
Intestine Large	Intestinal Tract	Abscess, Nos
	Intestinal Tract	Inflammation, Acute Suppurative
	Intestinal Tract	Necrosis, Nos
	Intestinal Tract	Postmortem Change
Kidney		Glomerulonephritis, Chronic
Liver		Edema, Nos
	Bile Duct	Hyperplasia, Nos
	Periportal	Necrosis, Nos
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Spleen		Hypoplasia, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Urinary bladder		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_391

TRT#: 1
DOSE: 0

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Nos
Intestine Large	Intestinal Tract	Inflammation, Acute
Kidney		Glomerulonephritis, Chronic
Liver		Cirrhosis, Portal
Lymph node		Hyperplasia, Nos
Skin		Verruca
Spleen		Hypoplasia, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_392

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nodular
Heart	Myocardium Nos	Inflammation, Multifocal
Intestine Large	Colon	Intussusception
	Intestinal Tract	Postmortem Change
Kidney		Inflammation, Chronic
Liver		Cirrhosis, Portal
Lung		Edema, Nos
Parathyroid gland		Adenoma, Nos
Skin		Abscess, Nos
		Necrosis, Focal
Stomach		Hyperkeratosis
Unspecified	Multiple Organs Nos	Amyloidosis
	Perineum Nos	Hyperplasia, Nos
	Multiple Organs Nos	Lymphoma, Nos-Malignant
Uterus	Serosa	Congestion, Nos
	Endometrium	Inflammation, Suppurative
Vagina		Hyperplasia, Nos
		Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_393

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Cecum, Colon	Postmortem Change
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Centrilobular	Congestion, Passive
		Cyst, Nos
	Centrilobular	Necrosis, Focal
Lung		Inflammation, Interstitial
Ovary		Atrophy, Nos
		Corpus Atreticum
Spleen		Hypoplasia, Lymphoid
Thymus		Involution, Nos
Uterus	Serosa	Congestion, Nos
Vagina		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_401

TRT#: 1
DOSE: 0

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Hematopoietic
Heart	Myocardium Nos	Inflammation, Focal
Intestine Large	Intestinal Tract	Inflammation, Acute
Intestine Small	Intestinal Villus, Ileum	Regeneration, Incomplete
Kidney		Glomerulonephritis, Chronic
		Mineralization
Liver	Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Acute Focal
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos
Spleen		Hypoplasia, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_402

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large

Intestinal Tract

Inflammation, Nos

Lung

Intestinal Tract

Postmortem Change

Lymph node

Congestion, Nos

Spleen

Inflammation, Acute Diffuse

Hyperplasia, Nos

Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_403

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Congestion, Nos
Intestine Large	Intestinal Tract	Inflammation, Acute Suppurative
	Anus Nos	Persistent Cloaca
	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Amyloidosis
		Inflammation, Chronic
Liver	Periportal	Lymphocytic Inflammatory Infiltrate
Lung		Inflammation, Acute Focal
Lymph node		Hyperplasia, Nos
Spleen		Amyloidosis
		Hypoplasia, Nos
Uterus	Cervix Uteri	Cyst, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_411

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Bone marrow		Congestion, Nos
Intestine Large	Intestinal Tract	Inflammation, Acute Suppurative
Kidney	Glomerulus	Amyloidosis
		Glomerulonephritis, Chronic
Liver	Periportal	Amyloidosis
		Cirrhosis, Portal
	Bile Duct	Dilatation, Nos
Lymph node		Hyperplasia, Nos
Stomach	Submucosa	Atherosclerosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_412

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large

Cortex Nos
Intestinal Tract
Intestinal Tract

Kidney

Glomerulus

Liver
Lymph node
Spleen

Hepatic Sinusoid

Red Pulp

Amyloidosis
Inflammation, Acute/Chronic
Postmortem Change
Amyloidosis
Glomerulonephritis, Chronic
Congestion, Nos
Hyperplasia, Nos
Amyloidosis
Hypoplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_413

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Heart	Left Atrium Nos	Thrombus, Organized
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Portal Tract	Amyloidosis
		Cirrhosis, Portal
		Cyst, Nos
Lung	Alveoli	Histiocytosis
Lymph node	Cervical Lymph Node Nos	Hyperplasia, Nos
Ovary		Atrophy, Nos
		Corpus Atreticum
Spleen		Hypoplasia, Lymphoid
Thymus		Involution, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_421

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Intestine Large

Mucosa, Colon

Inflammation, Acute

Colon

Prolapse

Intestine Small

Ileum

Inflammation, Acute Suppurative

Ileum

Postmortem Change

Kidney

Glomerulus

Nephrosis, Nos

Liver

Cirrhosis, Portal

Lymph node

Hyperplasia, Nos

Spleen

Hypoplasia, Nos

Thymus

Involution, Nos

Unspecified

Multiple Organs Nos

Amyloidosis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_422

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large

Anus Nos
Large Intestine, Colon
Intestinal Tract

Hyperplasia, Nos
Inflammation, Acute
Postmortem Change
Inflammation, Acute Suppurative

Intestine Small

Ileum

Glomerulosclerosis, Nos

Kidney

Cirrhosis, Portal

Liver

Inflammation, Interstitial

Lung

Hyperplasia, Nos

Lymph node

Lipoidosis

Pancreas

Hypoplasia, Nos

Spleen

Amyloidosis

Unspecified

Multiple Organs Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_423

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart		Endocardiosis
Intestine Large	Intestinal Tract	Inflammation, Suppurative
	Gastrointestinal Tract	Postmortem Change
Kidney		Glomerulonephritis, Chronic
Liver		Cirrhosis, Portal
Lymph node	Colo-Rectal Lymph Node	Hyperplasia, Nos
Spleen		Hypoplasia, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_431

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Congestion, Nos
Intestine Large	Intestinal Tract	Inflammation, Acute
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung		Emphysema, Alveolar
Lymph node		Hyperplasia, Nos
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Thyroid		Cyst, Colloid
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_432

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Blood vessel

Heart

Intestine Large

Intestine Small

Kidney

Liver

Lung

Lymph node

Thyroid

Unspecified

Ascending Aorta

Left Ventricle Nos

Large Intestine, Colon

Colon

Colon

Intestinal Villus, Ileum

Glomerulus

Multiple Organs Nos

Cortical Adenoma

Thrombosis, Nos

Embolism, Nos

Inflammation, Nos

Intussusception

Prolapse

Regeneration, Incomplete

Nephrosis, Nos

Cirrhosis, Portal

Inflammation, Interstitial

Hyperplasia, Nos

Cyst, Colloid

Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_433

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large

Colon

Intussusception

Intestinal Tract

Postmortem Change

Glomerulus

Nephrosis, Nos

Kidney

Cirrhosis, Portal

Liver

Hyperplasia, Nos

Lymph node

Hypoplasia, Nos

Spleen

Involution, Nos

Thymus

Amyloidosis

Unspecified

Multiple Organs Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_461

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large
Intestine Small
Kidney
Lung
Lymph node

Pancreas
Spleen

Thymus
Thyroid

Cortex Nos
Cecum, Colon
Intestinal Villus, Ileum

Mesenteric Lymph Node

Amyloidosis
Inflammation, Nos
Regeneration, Incomplete
Glomerulosclerosis, Nos
Inflammation, Interstitial
Amyloidosis
Hyperplasia, Nos
Lipoidosis
Amyloidosis
Hypoplasia, Nos
Involution, Nos
C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_462

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart
Intestine Large
Kidney
Lymph node
Parathyroid gland

Left Ventricle Nos
Intestinal Tract

Thrombus, Organized
Inflammation, Proliferative
Glomerulosclerosis, Nos
Hyperplasia, Nos
Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_463

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Endocardiosis
Intestine Large	Gastrointestinal Tract	Inflammation, Proliferative
	Gastrointestinal Tract	Postmortem Change
Kidney		Glomerulonephritis, Chronic
Liver	Periportal	Amyloidosis
		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Thymus		Involution, Nos
Uterus	Endometrium	Hyperplasia, Polypoid

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_471

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Bone marrow		Congestion, Nos
Heart	Atrium	Thrombus, Organized
Intestine Large	Gastrointestinal Tract	Inflammation, Nos
	Gastrointestinal Tract	Postmortem Change
Kidney	Glomerulus	Amyloidosis
		Glomerulonephritis, Chronic
Liver	Periportal	Amyloidosis
		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Spleen		Hypoplasia, Lymphoid
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	Hyperkeratosis
	Cardiac Stomach	Infection, Bacterial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_472

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Gall bladder
Intestine Large

Gastrointestinal Tract
Gastrointestinal Tract

Kidney
Lung
Lymph node
Pancreas
Spleen
Tongue
Unspecified

Multiple Organs Nos

Calculus, Unknown Gross Or Micro
Inflammation, Nos
Postmortem Change
Glomerulonephritis, Chronic
Inflammation, Interstitial
Hyperplasia, Nos
Inflammation, Nos
Hypoplasia, Lymphoid
Hyperplasia, Nos
Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_473

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large
Kidney

Colon
Glomerulus
Glomerulus

Liver
Lung
Spleen
Unspecified

Multiple Organs Nos

Intussusception
Amyloidosis
Nephrosis, Nos
Amyloidosis
Congestion, Nos
Hypoplasia, Lymphoid
Postmortem Change

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_481

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Gastrointestinal Tract

Inflammation, Suppurative

Kidney

Gastrointestinal Tract

Postmortem Change

Liver

Portal Tract

Glomerulonephritis, Acute

Amyloidosis

Cirrhosis, Portal

Lung

Inflammation, Acute Hemorrhagic

Lymph node

Inflammation, Interstitial

Parathyroid gland

Hyperplasia, Nos

Thyroid

Hyperplasia, Nos

Unspecified

Thoracic Cavity Nos

C-Cell Adenoma

Osteosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_482

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Rectum	Polyp, Nos
	Intestinal Tract	Postmortem Change
	Rectum	Ulcer, Nos
Kidney	Glomerulus	Nephrosis, Nos
Liver	Portal Tract	Amyloidosis
		Cirrhosis, Portal
Lymph node		Hyperplasia, Nos
Ovary		Atresia
Spleen		Hypoplasia, Nos
Stomach	Cardiac Stomach	Hyperkeratosis
	Fundus	Ulcer, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Urinary bladder		Hyperplasia, Papillary
Uterus	Serosa	Congestion, Nos
Vagina		Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_483

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart		Endocardiosis
Intestine Large	Gastrointestinal Tract	Inflammation, Acute Diffuse
	Gastrointestinal Tract	Postmortem Change
Kidney		Glomerulonephritis, Chronic
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Spleen		Hypoplasia, Lymphoid
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_501

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Auricular Appendage Nos	Thrombus, Organized
Intestine Large	Gastrointestinal Tract	Inflammation, Acute
	Gastrointestinal Tract	Postmortem Change
Kidney		Glomerulonephritis, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Spleen		Hypoplasia, Lymphoid
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_502

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large
Kidney

Cortex Nos
Intestinal Tract
Glomerulus
Glomerulus

Liver
Lung
Pancreas

Amyloidosis
Postmortem Change
Amyloidosis
Nephrosis, Nos
Amyloidosis
Inflammation, Acute
Postmortem Change

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_503

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large	Colon	Inflammation, Acute
Intestine Small	Jejunum	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lymph node		Hyperplasia, Nos
Pituitary gland		Cyst, Nos
Skin	Circumanal Gland	Inflammation, Nos
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Thyroid	Follicle	Atrophy, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos
Vagina		Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_511

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
	Bile Duct	Fibrosing Adenosis
Lung	Alveoli	Histiocytosis
Lymph node		Hyperplasia, Nos
Ovary		Atrophy, Nos
		Corpus Atreticum
Pancreas		Cyst, Nos
	Islets	Islet-Cell Carcinoma
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos
	Endometrium	Hyperplasia, Nos
Vagina		Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_512

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Congestion, Nos
Gall bladder		Edema, Nos
		Fibrosis
Intestine Small	Ileum	Inflammation, Nos
Kidney		Glomerulonephritis, Chronic
Liver	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Pancreas		Metamorphosis, Fatty
Spleen		Hypoplasia, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Urinary bladder		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_513

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Amyloidosis

Intestine Large

Gastrointestinal Tract

Inflammation, Suppurative

Kidney

Glomerulonephritis, Chronic

Liver

Periportal

Amyloidosis

Cirrhosis, Portal

Bile Duct

Dilatation, Nos

Lung

Inflammation, Interstitial

Lymph node

Hyperplasia, Nos

Pancreas

Lipoidosis

Spleen

Amyloidosis

Hypoplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_521

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large	Intestinal Tract	Inflammation, Proliferative
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
	Bile Duct	Dilatation, Nos
Lung		Emphysema, Alveolar
Lymph node		Hyperplasia, Nos
Spleen		Hypoplasia, Nos
Stomach	Fundus	Erosion
Thyroid	Follicle	Atrophy, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Endometrium	Inflammation, Acute Suppurative
Vagina		Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_522

TRT#: 1
DOSE: 0

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lymph node
Spleen

Cervical Lymph Node Nos

Hyperplasia, Nos
Hypoplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_523

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large	Intestinal Tract	Inflammation, Nos
	Colon	Intussusception
	Gastrointestinal Tract	Postmortem Change
Kidney		Glomerulonephritis, Chronic
Liver		Cirrhosis, Portal
	Portal Tract	Necrosis, Coagulative
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Spleen		Hypoplasia, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Urinary bladder		Edema, Nos
		Hyperplasia, Polypoid
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_531	TRT#: 1 DOSE: 0	SEX: Female DISP: Natural Death	DAY ON TEST: HISTO:
<hr/> OBSERVATIONS			
Adrenal gland	Cortex Nos	Hyperplasia, Nodular	
Heart	Myocardium Nos	Inflammation, Chronic Focal	
Intestine Large	Intestinal Tract	Postmortem Change	
Kidney		Inflammation, Chronic	
		Mineralization	
Lung		Alveolar Macrophages	
		Congestion, Nos	
		Inflammation, Chronic	
Lymph node		Hyperplasia, Lymphoid	
Ovary		Cyst, Hemorrhagic	
Parathyroid gland		Adenoma, Nos	
Spleen		Hematopoiesis	
Unspecified	Multiple Organs Nos	Amyloidosis	
Vagina		Hyperplasia, Nos	
<hr/> PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_532

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large

Gastrointestinal Tract
Colon
Gastrointestinal Tract

Inflammation, Nos
Intussusception
Postmortem Change
Glomerulonephritis, Chronic
Cirrhosis, Portal
Edema, Nos
Hyperplasia, Nos
Lipoidosis
Hyperkeratosis
Hypoplasia, Nos
Involution, Nos
Amyloidosis
Inflammation, Acute Suppurative

Kidney

Liver

Lymph node

Pancreas

Skin

Spleen

Thymus

Unspecified

Multiple Organs Nos

Vagina

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_533

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow		Congestion, Nos
Heart		Mineralization
Intestine Large	Colon	Abscess, Nos
	Intestinal Tract	Inflammation, Suppurative
	Rectum	Ulcer, Nos
Kidney		Glomerulonephritis, Chronic
Liver	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Skeletal muscle		Mineralization
Spleen		Hypoplasia, Lymphoid
Unspecified	Multiple Organs Nos	Amyloidosis
Urinary bladder		Inflammation, Chronic
Uterus		Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_541

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Congestion, Nos
Gall bladder		Calculus, Unknown Gross Or Micro
Heart	Auricular Appendage Nos	Thrombus, Organized
Intestine Large	Gastrointestinal Tract	Inflammation, Acute
	Gastrointestinal Tract	Postmortem Change
Kidney		Glomerulonephritis, Chronic
Liver		Cirrhosis, Portal
		Inflammation, Acute Hemorrhagic
	Hepatic Sinusoid	Necrosis, Nos
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Spleen		Hypoplasia, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_542

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney

Cortex Nos
Glomerulus
Glomerulus

Hemorrhage
Amyloidosis
Nephrosis, Nos

Liver
Unspecified

Periportal
Multiple Organs Nos

Amyloidosis
Postmortem Change

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_543

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis Cortical Adenoma
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Intestinal Tract	Postmortem Change
Liver	Portal Tract	Amyloidosis Cirrhosis, Portal
Lung	Alveoli	Histiocytosis
Lymph node		Hyperplasia, Nos
Mammary gland		Lactation
Ovary		Atrophy, Nos Corpus Atreticum Cyst, Multiple
Pancreas		Lipoidosis
Spleen		Amyloidosis
Thymus		Involution, Nos
Uterus	Endometrium	Inflammation, Acute Suppurative
Vagina		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_551

TRT#: 1
DOSE: 0

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Glomerulonephritis, Chronic
Liver	Bile Duct	Hyperplasia, Nos Necrosis, Caseous
Lymph node		Hyperplasia, Nos
Spleen	Red Pulp	Hypoplasia, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_553

TRT#: 1
DOSE: 0

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large
Intestine Small
Liver
Stomach

Cecum, Colon
Jejunum
Bile Duct
Cardiac Stomach

Ulcer, Nos
Inflammation, Nos
Inflammation, Nos
Hyperkeratosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_011

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
	Cortex Nos	Hyperplasia, Focal
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Portal Tract	Amyloidosis
		Cirrhosis, Portal
	Bile Duct	Cyst, Nos
	Hepatic Lobule	Lipoidosis
Lung		Sarcoma, Nos, Metastatic
Ovary		Atresia
		Cyst, Nos
Pancreas	Islets	Islet-Cell Adenoma
Unspecified	Leg	Sarcoma, Nos
Urinary bladder		Hyperplasia, Papillary
Vagina		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_012

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Rectum

Inflammation, Hemorrhagic

Colon

Inflammation, Nos

Colon

Intussusception

Kidney

Glomerulus

Nephrosis, Nos

Liver

Cirrhosis, Portal

Bile Duct

Dilatation, Nos

Mammary gland

Lactation

Spleen

Hypoplasia, Nos

Thymus

Involution, Nos

Thyroid

Follicle

Atrophy, Nos

Unspecified

Multiple Organs Nos

Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_013

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Intestinal Tract	Inflammation, Nos
	Gastrointestinal Tract	Postmortem Change
	Colon	Verruca
Kidney		Glomerulonephritis, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Lymph node	Colo-Rectal Lymph Node	Edema, Nos
		Hyperplasia, Nos
Pancreas	Islets	Hyperplasia, Nos
Spleen		Hypoplasia, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Urinary bladder		Inflammation, Chronic
Vagina		Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_021

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Focal
	Myocardium Nos	Metaplasia, Osseous
Intestine Small	Intestinal Villus, Ileum	Regeneration, Incomplete
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
	Centrilobular	Congestion, Passive
	Bile Duct	Dilatation, Nos
Lung	Alveoli	Inflammation, Acute Diffuse
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_022

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Heart	Atrium	Thrombosis, Nos
Intestine Large	Large Intestine, Colon	Hyperplasia, Nos
Intestine Small	Ileum	Inflammation, Acute Suppurative
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Fibrosis
		Glomerulonephritis, Chronic
Liver	Periportal	Amyloidosis
		Cirrhosis, Portal
Lymph node		Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_023

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Small

Jejunum

Postmortem Change

Kidney

Glomerulus

Nephrosis, Nos

Unspecified

Multiple Organs Nos

Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_031

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large	Anus Nos Large Intestine, Colon Anus Nos Intestinal Tract	Cyst, Epidermal Inclusion Inflammation, Nos Persistent Cloaca Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal Congestion, Passive Cyst, Nos
Lung	Alveoli	Congestion, Nos
Lymph node		Hyperplasia, Nos
Spleen		Hypoplasia, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_032

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver
Lymph node

Centrilobular

Congestion, Nos
Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_033

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large
Intestine Small
Kidney

Large Intestine, Colon
Ileum

Inflammation, Nos
Postmortem Change
Infarct, Nos

Liver
Lung
Pancreas
Thymus
Unspecified

Glomerulus
Centrilobular
Alveoli

Nephrosis, Nos
Congestion, Passive
Histiocytosis
Lipoidosis
Involution, Nos

Uterus
Vagina

Multiple Organs Nos
Multiple Organs Nos
Endometrium

Amyloidosis
Lymphoma, Lymphocytic-Malignant Type
Hyperplasia, Nos
Hyperkeratosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_051

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Endocardiosis
Intestine Large	Anus Nos	Thrombus, Organized
	Gastrointestinal Tract	Hyperplasia, Epithelial
	Anus Nos	Inflammation, Proliferative
Kidney	Glomerulus	Persistent Cloaca
Liver	Bile Duct	Nephrosis, Nos
Lung		Hyperplasia, Nos
		Congestion, Nos
Lymph node	Colo-Rectal Lymph Node	Inflammation, Interstitial
		Edema, Nos
Ovary		Hyperplasia, Nodular
Pancreas		Corpus Atreticum
Spleen		Lipoidosis
Unspecified	Multiple Organs Nos	Hypoplasia, Nos
Uterus	Serosa	Amyloidosis
		Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_052

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Edema, Nos
Intestine Small	Ileum	Inflammation, Acute Suppurative
Kidney		Glomerulonephritis, Chronic
		Necrosis, Fibrinoid
Liver	Periportal	Edema, Nos
		Hyperplasia, Nos
	Periportal	Necrosis, Nos
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Spleen		Congestion, Nos
		Hypoplasia, Nos
Uterus	Serosa	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_053

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large

Cortex Nos
Gastrointestinal Tract
Gastrointestinal Tract

Kidney
Liver
Lung
Lymph node
Spleen
Thymus
Unspecified
Uterus

Multiple Organs Nos

Congestion, Nos
Inflammation, Suppurative
Postmortem Change
Glomerulonephritis, Chronic
Cirrhosis, Portal
Inflammation, Interstitial
Hyperplasia, Nos
Hypoplasia, Nos
Involution, Nos
Amyloidosis
Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_061

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Pheochromocytoma
Heart	Mitral Valve Nos	Inflammation, Proliferative
Intestine Large	Anus Nos	Cyst, Epidermal Inclusion
	Anus Nos	Persistent Cloaca
Kidney		Nephrosis, Nos
Liver		Cirrhosis, Portal
		Necrosis, Focal
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos
Ovary		Atresia
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Urinary bladder		Hyperplasia, Papillary

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_062

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_063

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Gall bladder		Calculus, Unknown Gross Or Micro
Intestine Large	Gastrointestinal Tract	Inflammation, Suppurative
	Gastrointestinal Tract	Postmortem Change
Kidney		Glomerulonephritis, Chronic
Liver	Periportal	Amyloidosis
	Bile Duct	Hyperplasia, Nos
		Lymphocytic Inflammatory Infiltrate
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Spleen		Amyloidosis
		Hypoplasia, Nos
Thymus		Involution, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_072

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Congestion, Nos
Intestine Large	Gastrointestinal Tract	Inflammation, Acute Suppurative
	Gastrointestinal Tract	Postmortem Change
Kidney		Glomerulonephritis, Chronic
		Perivasculitis
Liver	Bile Duct	Dilatation, Nos
	Bile Duct	Hyperplasia, Nos
Lymph node		Hyperplasia, Nos
Spleen		Hyperplasia, Lymphoid
	Red Pulp	Hypoplasia, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_073

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
	Cortex Nos	Hyperplasia, Focal
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Centrilobular	Congestion, Passive
		Cyst, Multiple
	Centrilobular	Necrosis, Focal
Lung		Inflammation, Interstitial
Ovary		Atrophy, Nos
		Corpus Atreticum
Skeletal muscle		Inflammation, Granulomatous
Stomach	Fundus	Erosion
Vagina		Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_081

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Amyloidosis

Heart

Myocardium Nos

Mineralization

Left Atrium Nos

Thrombosis, Nos

Intestine Large

Colon

Hyperkeratosis

Gastrointestinal Tract

Inflammation, Suppurative

Gastrointestinal Tract

Postmortem Change

Liver

Periportal

Amyloidosis

Lymph node

Bile Duct

Hyperplasia, Nos

Spleen

Hyperplasia, Nos

Vagina

Amyloidosis

Hypoplasia, Nos

Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_082

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large	Gastrointestinal Tract	Inflammation, Acute Diffuse
	Gastrointestinal Tract	Postmortem Change
Kidney	Tubule	Cyst, Nos
	Tubule	Degeneration, Hydropic
		Glomerulonephritis, Acute
	Tubule	Necrosis, Nos
Liver	Centrilobular	Necrosis, Nos
Lung		Inflammation, Acute Diffuse
Lymph node	Colo-Rectal Lymph Node	Hyperplasia, Nos
Spleen	Red Pulp	Hematopoiesis
		Hypoplasia, Lymphoid

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_083

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Atrophy, Nos
Brain		Malacia
Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney		Inflammation, Chronic
Liver		Cirrhosis, Portal
Lung		Edema, Nos
Lymph node		Inflammation, Chronic
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_091

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Amyloidosis

Medulla

Dilatation, Nos

Bone marrow

Congestion, Nos

Intestine Small

Duodenum

Inflammation, Nos

Kidney

Glomerulus

Amyloidosis

Glomerulonephritis, Chronic

Lymph node

Infarct, Nos

Spleen

Hyperplasia, Nos

Amyloidosis

Red Pulp

Hematopoiesis

Hypoplasia, Lymphoid

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_092

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large

Anus Nos
Gastrointestinal Tract
Glomerulus

Persistent Cloaca
Postmortem Change

Kidney

Liver

Lung

Spleen

Thymus

Unspecified

Uterus

Alveoli

Multiple Organs Nos
Serosa

Nephrosis, Nos
Cirrhosis, Portal
Inflammation, Nos
Hypoplasia, Nos
Involution, Nos
Amyloidosis
Abscess, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_093

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung	Alveoli	Histiocytosis
Lymph node		Hyperplasia, Nos
Ovary		Corpus Atreticum
		Cyst, Nos
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_101

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Ileum

Inflammation, Acute Suppurative

Kidney

Glomerulonephritis, Chronic

Liver

Cirrhosis, Portal

Lung

Inflammation, Interstitial

Lymph node

Hyperplasia, Nos

Pancreas

Lipoidosis

Spleen

Hypoplasia, Lymphoid

Unspecified

Multiple Organs Nos

Amyloidosis

Vagina

Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_102

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large

Colon
Intestinal Tract

Intussusception
Postmortem Change

Kidney

Colon
Glomerulus

Prolapse
Nephrosis, Nos

Liver

Cirrhosis, Portal

Lymph node

Hyperplasia, Nos

Pancreas

Lipoidosis

Spleen

Hypoplasia, Nos

Thymus

Involution, Nos

Unspecified

Multiple Organs Nos

Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_111

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Tricuspid Valve Nos	Metaplasia, Osseous
Intestine Large	Intestinal Tract	Inflammation, Acute
	Colon	Intussusception
Intestine Small	Ileum	Postmortem Change
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Skin		Verruca
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Urinary bladder		Hyperplasia, Papillary

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_112

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Intestinal Tract	Inflammation, Nos
	Intestinal Tract	Postmortem Change
Kidney		Infarct, Nos
	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung		Histiocytosis
Lymph node		Hyperplasia, Nos
Ovary		Atresia
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_113

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Heart	Left Atrium Nos	Thrombus, Organized
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Centrilobular	Congestion, Passive
	Bile Duct	Dilatation, Nos
	Centrilobular	Necrosis, Focal
Lung		Inflammation, Interstitial
Ovary		Atresia
		Atrophy, Nos
Pancreas		Lipoidosis
Urinary bladder	Submucosa	Edema, Nos
Uterus	Serosa	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_121

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Heart	Left Ventricle Nos	Thrombosis, Nos
	Left Atrium Nos	Thrombus, Organized
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Centrilobular	Congestion, Passive
		Cyst, Nos
Lung	Alveoli	Histiocytosis
Mammary gland		Lactation
Ovary		Atrophy, Nos
		Corpus Atreticum
Spleen		Amyloidosis
		Hypoplasia, Nos
Stomach	Cardiac Stomach	Hyperkeratosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_122

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Large

Cortex Nos
Left Atrium Nos
Anus Nos
Gastrointestinal Tract
Centrilobular
Alveoli

Liver
Lung
Lymph node
Mammary gland
Pancreas
Spleen
Thymus
Vagina

Amyloidosis
Thrombus, Organized
Persistent Cloaca
Postmortem Change
Congestion, Passive
Histiocytosis
Hyperplasia, Nos
Lactation
Lipoidosis
Amyloidosis
Involution, Nos
Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_123

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Metaplasia, Osseous
	Left Atrium Nos	Thrombus, Organized
Intestine Large	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Lung	Alveoli	Histiocytosis
Lymph node	Colo-Rectal Lymph Node	Hyperplasia, Nos
Mammary gland		Lactation
Ovary		Atrophy, Nos
		Corpus Atreticum
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos
	Endometrium	Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_131

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Blood vessel	Colic Artery	Thrombosis, Nos
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Large Intestine, Colon	Inflammation, Nos
	Colon	Intussusception
	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
		Cyst, Nos
Lymph node		Hyperplasia, Nos
Ovary		Atresia
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	Hyperkeratosis
Thymus		Involution, Nos
Thyroid	Follicle	Atrophy, Focal
Unspecified	Multiple Organs Nos	Amyloidosis
Urinary bladder		Hyperplasia, Papillary
Vagina		Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_132

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Small

Peyers Patch
Ileum

Hyperplasia, Nos
Inflammation, Acute Diffuse

Kidney

Glomerulus

Amyloidosis
Glomerulonephritis, Acute

Liver

Tubule

Nephrosis, Nos
Inflammation, Necrotizing

Lymph node

Hyperplasia, Nos

Spleen

Hypoplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_133

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Anus Nos

Persistent Cloaca

Kidney

Intestinal Tract

Postmortem Change

Liver

Glomerulus

Nephrosis, Nos

Lung

Centrilobular

Congestion, Passive

Lymph node

Inflammation, Interstitial

Mammary gland

Hyperplasia, Nos

Pancreas

Lactation

Thymus

Lipoidosis

Unspecified

Involution, Nos

Uterus

Multiple Organs Nos

Amyloidosis

Fimbria/Fallopian Tube

Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_141

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large
Kidney

Gastrointestinal Tract
Glomerulus

Inflammation, Acute Suppurative
Amyloidosis

Liver

Hepatocytomegaly

Bile Duct
Hyperplasia, Nos

Periportal
Inflammation, Acute

Lung
Inflammation, Interstitial

Lymph node
Hyperplasia, Nos

Pancreas
Lipoidosis

Urinary bladder
Hyperplasia, Polypoid

Inflammation, Chronic Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_142

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Anus Nos

Persistent Cloaca

Kidney

Glomerulus

Nephrosis, Nos

Liver

Cirrhosis, Portal

Lymph node

Cervical Lymph Node Nos

Hyperplasia, Nos

Ovary

Corpus Atreticum

Skin

Verruca

Stomach

Cardiac Stomach

Acanthosis

Unspecified

Cardiac Stomach

Hyperkeratosis

Multiple Organs Nos

Amyloidosis

Osteosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_143

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Heart	Mitral Valve Nos	Inflammation, Proliferative
	Left Atrium Nos	Thrombus, Organized
Intestine Large	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
	Centrilobular	Congestion, Passive
Lung		Inflammation, Interstitial
Lymph node	Cervical Lymph Node Nos	Hyperplasia, Nos
Ovary		Atresia
Spleen		Hypoplasia, Nos
Stomach	Fundus	Ulcer, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Fimbria/Fallopian Tube	Dilatation, Nos
		Endometriosis
Vagina		Inflammation, Acute Suppurative
		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_151

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart
Intestine Large

Myocardium Nos
Cecum, Colon
Intestinal Tract
Cecum, Colon
Glomerulus
Bile Duct
Multiple Organs Nos

Inflammation, Focal
Congestion, Nos
Postmortem Change
Ulcer, Nos
Nephrosis, Nos
Hyperplasia, Nos
Inflammation, Nos
Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_153

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Large

Cortex Nos
Left Atrium Nos
Anus Nos
Cecum, Colon
Centrilobular

Liver
Lung
Lymph node
Ovary
Pancreas
Spleen
Thymus
Thyroid
Urinary bladder
Uterus

Fimbria/Fallopian Tube
Endometrium

Amyloidosis
Thrombosis, Nos
Persistent Cloaca
Postmortem Change
Congestion, Passive
Histiocytosis
Hyperplasia, Nos
Corpus Atreticum
Lipoidosis
Amyloidosis
Involution, Nos
Amyloidosis
Hyperplasia, Papillary
Cyst, Nos
Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_161

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Glomerulonephritis, Chronic
		Perivasculitis
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Spleen		Hypoplasia, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_162

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Blood vessel	Ascending Aorta	Thrombosis, Nos
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Colon	Intussusception
	Gastrointestinal Tract	Postmortem Change
	Large Intestine, Colon	Thrombosis, Nos
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node	Cervical Lymph Node Nos	Hyperplasia, Nos
Ovary		Corpus Atreticum
Pancreas		Postmortem Change
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Vagina		Hyperplasia, Papillary
		Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_171

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

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

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_172

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Large Intestine, Colon	Inflammation, Hemorrhagic
Intestine Small	Intestinal Villus, Ileum	Regeneration, Incomplete
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_173

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large
Kidney
Liver

Intestinal Tract

Inflammation, Chronic
Inflammation, Chronic
Cirrhosis, Portal
Cytoplasmic Vacuolization

Thyroid
Unspecified
Uterus
Vagina

Follicle
Multiple Organs Nos
Serosa

Dilatation, Nos
Amyloidosis
Congestion, Nos
Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_182

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Heart	Mitral Valve Nos	Inflammation, Chronic
	Mitral Valve Nos	Thrombosis, Nos
Intestine Small	Jejunum	Postmortem Change
	Intestinal Villus, Ileum	Regeneration, Incomplete
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Portal Tract	Amyloidosis
		Cirrhosis, Portal
Lung		Histiocytosis
Pancreas		Lipoidosis
Thymus		Involution, Nos
Uterus	Serosa	Congestion, Nos
Vagina		Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_192

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large
Kidney
Liver

Cortex Nos
Colon

Lung

Unspecified
Vagina

Alveoli
Multiple Organs Nos

Atrophy, Nos
Inflammation, Chronic Focal
Inflammation, Chronic
Cirrhosis, Portal
Congestion, Nos
Hyperplasia, Alveolar Epithelium
Hypertrophy, Nos
Amyloidosis
Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_193

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Large

Cortex Nos
Left Atrium Nos
Anus Nos
Intestinal Tract
Glomerulus
Bile Duct
Hepatic Lobule

Kidney
Liver

Lung
Lymph node
Ovary
Thymus
Unspecified

Multiple Organs Nos

Hyperplasia, Focal
Thrombus, Organized
Persistent Cloaca
Postmortem Change
Nephrosis, Nos
Dilatation, Nos
Necrosis, Focal
Inflammation, Interstitial
Hyperplasia, Nos
Corpus Atreticum
Involution, Nos
Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_201

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Heart	Myocardium Nos	Inflammation, Focal
	Left Ventricle Nos	Thrombus, Mural
	Left Atrium Nos	Thrombus, Organized
Intestine Large	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Hepatic Lobule	Necrosis, Focal
Lung		Inflammation, Interstitial
Lymph node	Colo-Rectal Lymph Node	Hyperplasia, Nos
Ovary		Cyst, Nos
Spleen		Hematopoiesis
Thymus		Involution, Nos
Urinary bladder		Hyperplasia, Papillary

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_202

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Cortical Adenoma
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Anus Nos	Cyst, Epidermal Inclusion
	Anus Nos	Persistent Cloaca
Kidney	Glomerulus	Nephrosis, Nos
Liver	Hepatic Lobule	Necrosis, Focal
Ovary		Amyloidosis
		Atresia
Pancreas		Lipoidosis
Salivary gland		Hyperplasia, Nos
Thymus	Medulla	Hyperplasia, Nos
Unspecified		Lipoidosis
Urinary bladder		Hyperplasia, Papillary
Vagina		Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_203

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Heart	Left Atrium Nos	Thrombus, Organized
Kidney	Glomerulus	Nephrosis, Nos
Liver		Congestion, Passive
Lung		Histiocytosis
Lymph node		Hyperplasia, Nos
Mammary gland		Lactation
Thymus		Involution, Nos

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_211

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Focal
Intestine Large	Cecum, Colon	Inflammation, Acute
	Cecum, Colon	Ulcer, Nos
Kidney	Glomerulus	Nephrosis, Nos
Salivary gland		Inflammation, Acute
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_212

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Large
Kidney

Lung
Lymph node
Pancreas
Spleen

Cortex Nos
Atrium
Intestinal Tract
Glomerulus

Amyloidosis
Thrombus, Organized
Inflammation, Acute Suppurative
Amyloidosis
Glomerulonephritis, Chronic
Inflammation, Interstitial
Hyperplasia, Nos
Lipoidosis
Amyloidosis
Hypoplasia, Lymphoid

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_213

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow
Intestine Large

Kidney
Liver
Lung
Lymph node
Pancreas
Spleen
Unspecified

Gastrointestinal Tract
Gastrointestinal Tract

Multiple Organs Nos

Congestion, Nos
Inflammation, Suppurative
Postmortem Change
Glomerulonephritis, Chronic
Cirrhosis, Portal
Inflammation, Interstitial
Hyperplasia, Nos
Metamorphosis, Fatty
Hypoplasia, Lymphoid
Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_222

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
	Cortex Nos	Hyperplasia, Focal
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Portal Tract	Amyloidosis
		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Ovary		Atrophy, Nos
		Corpus Atreticum
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Stomach	Cardiac Stomach	Hyperkeratosis
Thymus		Involution, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_223

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Heart	Mitral Valve Nos	Inflammation, Chronic
	Left Ventricle Nos	Thrombosis, Nos
Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Mammary gland		Lactation
Pancreas		Lipoidosis
Spleen		Hypoplasia, Lymphoid
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_231

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Cecum, Colon	Ulcer, Nos
Intestine Small	Intestinal Villus, Ileum	Regeneration, Incomplete
Kidney		Glomerulonephritis, Chronic
		Perivasculitis
Liver	Bile Duct	Dilatation, Nos
	Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified		Abscess, Nos
	Multiple Organs Nos	Amyloidosis
		Parasitism
Uterus	Serosa	Congestion, Nos
	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_232

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis Neurilemoma
Blood vessel	Aorta Nos	Mineralization
Heart	Left Atrium Nos	Thrombus, Organized
Liver	Periportal Bile Duct	Amyloidosis Hyperplasia, Nos Lymphocytic Inflammatory Infiltrate
Lung		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node Colo-Rectal Lymph Node	Hyperplasia, Lymphoid Hyperplasia, Nos
Skin		Hyperkeratosis
Spleen		Amyloidosis Hypoplasia, Nos
Stomach		Hyperkeratosis
Uterus	Endometrium	Hyperplasia, Polypoid
Vagina		Inflammation, Acute Vesicular

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_233

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Heart	Atrium	Thrombus, Mural
Intestine Small	Ileum	Postmortem Change
Kidney		Amyloidosis
		Inflammation, Chronic
Liver	Centrilobular	Congestion, Nos
	Centrilobular	Necrosis, Nos
Lung		Alveolar Macrophages
		Hemorrhage
		Inflammation, Chronic
Spleen		Amyloidosis
		Hematopoiesis
Uterus	Serosa	Congestion, Nos
		Leiomyoma
Vagina		Acanthosis
		Hyperkeratosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_241

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large

Cecum, Colon
Large Intestine, Colon

Congestion, Nos
Inflammation, Chronic Focal
Inflammation, Chronic
Cirrhosis, Portal
Amyloidosis
Inflammation, Chronic Suppurative
Hyperplasia, Focal

Kidney

Liver

Unspecified

Uterus

Vagina

Multiple Organs Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_242

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Large

Cortex Nos
Left Atrium Nos
Large Intestine, Colon
Anus Nos
Intestinal Tract
Glomerulus

Kidney
Liver
Lung
Lymph node
Spleen
Thymus
Thyroid
Unspecified
Uterus

Follicle
Multiple Organs Nos
Serosa

Congestion, Nos
Thrombus, Organized
Inflammation, Acute
Polyp, Nos
Postmortem Change
Nephrosis, Nos
Cirrhosis, Portal
Histiocytosis
Hyperplasia, Nos
Hypoplasia, Nos
Involution, Nos
Atrophy, Nos
Amyloidosis
Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_251

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
	Bile Duct	Dilatation, Nos
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_252

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow		Angiectasis
Intestine Large	Intestinal Tract	Inflammation, Acute
Intestine Small	Peyers Patch	Hyperplasia, Nos
Kidney		Degeneration, Hydropic
	Tubule	Necrosis, Nos
		Nephrosis, Toxic
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Spleen	Red Pulp	Erythropoiesis
		Hypoplasia, Lymphoid

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_253

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Bone marrow
Intestine Large

Anus Nos
Intestinal Tract
Glomerulus

Kidney
Liver

Hepatic Lobule

Lung
Lymph node
Ovary
Pancreas
Stomach
Thymus
Unspecified

Cardiac Stomach

Multiple Organs Nos

Cortical Adenoma
Aplasia, Hematopoietic
Metaplasia, Squamous
Postmortem Change
Nephrosis, Nos
Cirrhosis, Portal
Necrosis, Focal
Inflammation, Interstitial
Hyperplasia, Nos
Corpus Atreticum
Postmortem Change
Ulcer, Nos
Involution, Nos
Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_261

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Intestine Large	Intestinal Tract	Inflammation, Acute Diffuse
	Gastrointestinal Tract	Postmortem Change
Kidney	Glomerulus	Amyloidosis
		Glomerulonephritis, Chronic
Liver		Amyloidosis
		Cirrhosis, Portal
Lymph node		Hyperplasia, Nos
Urinary bladder	Submucosa	Edema, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_262

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Intestinal Tract

Inflammation, Nos

Colon

Intussusception

Intestine Small

Ileum

Postmortem Change

Kidney

Glomerulus

Nephrosis, Nos

Liver

Cirrhosis, Portal

Lung

Emphysema, Alveolar

Lymph node

Inflammation, Interstitial

Pancreas

Hyperplasia, Nos

Spleen

Lipoidosis

Thymus

Hypoplasia, Nos

Unspecified

Multiple Organs Nos

Involution, Nos

Urinary bladder

Amyloidosis

Hyperplasia, Papillary

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_263

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Cecum, Colon	Inflammation, Nos
	Cecum, Colon	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung		Histiocytosis
	Alveoli	Inflammation, Acute
Lymph node		Hyperplasia, Nos
Mammary gland		Lactation
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Stomach	Cardiac Stomach	Ulcer, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_271

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large

Anus Nos
Intestinal Tract

Hyperplasia, Nos
Postmortem Change

Lymph node

Hyperplasia, Nos

Pancreas

Lipoidosis

Thymus

Involution, Nos

Thyroid

Follicle

Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_272

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Bone marrow		Congestion, Nos
Intestine Large	Cecum, Colon	Abscess, Nos
	Gastrointestinal Tract	Inflammation, Acute Diffuse
	Gastrointestinal Tract	Postmortem Change
Kidney	Glomerulus	Amyloidosis
		Glomerulonephritis, Chronic
Liver	Portal Tract	Amyloidosis
		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Spleen	Red Pulp	Hematopoiesis
		Hypoplasia, Nos
Thyroid		Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_273

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Glomerulus	Nephrosis, Nos
Salivary gland		Cyst, Nos
Spleen		Amyloidosis
		Hypoplasia, Lymphoid
Unspecified	Multiple Organs Nos	Postmortem Change

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_281

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Congestion, Nos
Intestine Small	Ileum	Inflammation, Acute
Kidney		Glomerulonephritis, Chronic
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Spleen		Hematopoiesis
Thymus		Hypoplasia, Nos
Unspecified	Multiple Organs Nos	Involution, Nos
		Amyloidosis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_282

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large
Kidney
Lung

Intestinal Tract

Postmortem Change
Inflammation, Chronic
Alveolar Macrophages
Inflammation, Chronic

Stomach

Acanthosis
Hyperkeratosis

Unspecified

Multiple Organs Nos
Multiple Organs Nos
Perineum Nos

Amyloidosis
Congestion, Nos
Hyperplasia, Nos

Vagina

Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_283

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Kidney

Cortex Nos
Glomerulus
Glomerulus

Amyloidosis
Amyloidosis
Nephrosis, Nos

Lung
Mammary gland
Ovary

Alveoli

Histiocytosis

Pancreas
Thymus

Lactation
Atrophy, Nos
Corpus Atreticum

Uterus
Vagina

Endometrium

Lipoidosis
Involution, Nos
Inflammation, Acute Suppurative
Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_291

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Congestion, Nos
Heart	Myocardium Nos	Mineralization
	Atrium	Thrombus, Organized
Intestine Large	Gastrointestinal Tract	Inflammation, Suppurative
	Gastrointestinal Tract	Postmortem Change
Kidney		Glomerulonephritis, Chronic
Liver		Cirrhosis, Portal
Lung		Inflammation, Acute
		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Spleen		Hematopoiesis
		Hypoplasia, Lymphoid
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_292

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large	Large Intestine, Colon	Inflammation, Nos
	Colon	Intussusception
	Mucosa, Colon	Ulcer, Nos
Intestine Small	Jejunum	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Edema, Nos
	Mesenteric Lymph Node	Hyperplasia, Nos
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_293

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart
Intestine Large

Left Ventricle Nos
Anus Nos
Gastrointestinal Tract
Gastrointestinal Tract
Anus Nos

Thrombosis, Nos
Hyperkeratosis
Inflammation, Suppurative
Postmortem Change
Verruca

Kidney
Liver

Bile Duct

Glomerulonephritis, Nos
Cirrhosis, Portal
Dilatation, Nos

Lung
Lymph node
Pancreas
Skin
Spleen
Thymus
Unspecified
Uterus

Inflammation, Interstitial
Hyperplasia, Nos
Lipoidosis
Scar
Hypoplasia, Nos
Involution, Nos
Amyloidosis
Congestion, Nos

Multiple Organs Nos
Serosa

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_301

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Large
Kidney
Lung
Pancreas
Spleen
Thymus
Uterus

Cortex Nos
Left Atrium Nos
Gastrointestinal Tract
Glomerulus
Alveoli

Red Pulp

Serosa

Amyloidosis
Thrombus, Organized
Postmortem Change
Nephrosis, Nos
Inflammation, Acute Diffuse
Lipoidosis
Hypoplasia, Nos
Involution, Nos
Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_303

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Intestine Large	Intestinal Tract	Postmortem Change
Liver		Cirrhosis, Portal
Lung	Alveoli	Histiocytosis
Lymph node	Colo-Rectal Lymph Node	Hyperplasia, Nos
Ovary		Corpus Atreticum
		Cyst, Nos
Spleen	Red Pulp	Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_311

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large

Cortex Nos
Colon
Colon
Anus Nos
Intestinal Tract
Glomerulus

Kidney
Liver

Lymph node
Ovary
Spleen
Unspecified

Multiple Organs Nos

Hyperplasia, Focal
Hyperplasia, Polypoid
Intussusception
Persistent Cloaca
Postmortem Change
Nephrosis, Nos
Cirrhosis, Portal
Cyst, Nos
Hyperplasia, Nos
Atresia
Hypoplasia, Nos
Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_312

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large

Large Intestine, Colon
Intestinal Tract

Inflammation, Nos
Postmortem Change

Kidney

Glomerulus

Nephrosis, Nos

Liver

Hematopoiesis

Lymph node

Colo-Rectal Lymph Node

Necrosis, Focal

Pancreas

Hyperplasia, Nos

Spleen

Postmortem Change

Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_313	TRT#: 2 DOSE: 10000 PPM	SEX: Female DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Intestine Large	Gastrointestinal Tract Gastrointestinal Tract	Inflammation, Nos Postmortem Change	
Kidney		Glomerulonephritis, Chronic	
Liver		Cirrhosis, Portal	
Lung		Inflammation, Interstitial	
Lymph node	Mesenteric Lymph Node	Edema, Nos Hyperplasia, Nos	
Spleen		Hypoplasia, Nos	
Unspecified	Multiple Organs Nos	Amyloidosis	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_321

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Intestinal Tract	Postmortem Change
Lung		Histiocytosis
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Thyroid		Cyst, Colloid
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_322

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Amyloidosis

Heart

Endocardiosis

Intestine Large

Intestinal Tract

Inflammation, Nos

Intestinal Tract

Postmortem Change

Kidney

Glomerulus

Amyloidosis

Glomerulonephritis, Chronic

Liver

Amyloidosis

Bile Duct

Hyperplasia, Nos

Lung

Inflammation, Interstitial

Lymph node

Cervical Lymph Node Nos

Edema, Nos

Hyperplasia, Nos

Pancreas

Lipoidosis

Thymus

Involution, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_323

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic Focal
Intestine Large	Colon	Inflammation, Chronic
Intestine Small	Ileum	Postmortem Change
Kidney		Inflammation, Chronic
Liver		Cirrhosis, Portal
Lung		Edema, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Vagina		Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_331

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver	Centrilobular	Congestion, Passive
Parathyroid gland		Adenoma, Nos
Skin	Circumanal Gland	Inflammation, Acute Suppurative
Spleen		Amyloidosis
Thyroid	Follicle	Atrophy, Nos Cyst, Colloid

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_333

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow
Kidney
Lung
Lymph node
Skin
Spleen

Congestion, Nos
Glomerulonephritis, Acute
Inflammation, Interstitial
Hyperplasia, Nos
Inflammation, Acute Suppurative
Accessory Spleen
Hypoplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_341

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large
Intestine Small
Kidney
Liver
Lung
Lymph node
Pancreas
Spleen

Gastrointestinal Tract
Ileum

Bile Duct

Multiple Organs Nos

Postmortem Change
Inflammation, Nos
Glomerulonephritis, Chronic
Hyperplasia, Nos
Inflammation, Interstitial
Hyperplasia, Nos
Lipoidosis
Hematopoiesis
Hypoplasia, Nos
Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_342

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Intestinal Tract

Inflammation, Acute

Colon

Intussusception

Intestine Small

Ileum

Postmortem Change

Kidney

Glomerulus

Nephrosis, Nos

Liver

Cirrhosis, Portal

Cyst, Nos

Lung

Inflammation, Interstitial

Lymph node

Hyperplasia, Nos

Pancreas

Lipoidosis

Spleen

Hypoplasia, Nos

Stomach

Cardiac Stomach

Hyperkeratosis

Thymus

Involution, Nos

Unspecified

Multiple Organs Nos

Amyloidosis

Urinary bladder

Hyperplasia, Papillary

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_343

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Aplasia, Hematopoietic
Heart	Left Atrium Nos	Thrombosis, Nos
Intestine Large	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
		Cyst, Nos
Lung	Alveoli	Inflammation, Acute Suppurative
Lymph node	Cervical Lymph Node Nos	Hyperplasia, Nos
Ovary		Corpus Atreticum
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Thyroid		Cyst, Colloid
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_351

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Blood vessel	Abdominal Aorta	Atherosclerosis
Heart	Left Ventricle Nos	Thrombosis, Nos
	Left Atrium Nos	Thrombus, Organized
Intestine Large	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cyst, Nos
Lung		Inflammation, Interstitial
Lymph node	Thoracic Lymph Node	Hyperplasia, Nos
Ovary		Atresia
		Atrophy, Nos
Pancreas		Lipoidosis
Spleen		Hypoplasia, Lymphoid
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus		Papilloma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_352

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Colon	Abscess, Nos
Intestine Small	Ileum	Inflammation, Proliferative
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Lung	Alveoli	Histiocytosis
Pancreas		Lipoidosis
Spleen		Amyloidosis
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_353

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain
Intestine Large

Cecum, Colon
Colon
Intestinal Tract

Lung
Lymph node

Mesenteric Lymph Node

Postmortem Change
Congestion, Nos
Congestion, Nos
Postmortem Change
Congestion, Nos
Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_361

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large
Kidney
Liver
Lymph node
Pancreas
Salivary gland
Spleen
Thymus
Unspecified
Urinary bladder
Vagina

Gastrointestinal Tract
Glomerulus

Multiple Organs Nos

Postmortem Change
Nephrosis, Nos
Cirrhosis, Portal
Hyperplasia, Nos
Lipoidosis
Inflammation, Focal
Hypoplasia, Nos
Involution, Nos
Amyloidosis
Hyperplasia, Papillary
Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_362

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large

Cecum, Colon
Colon
Colon

Congestion, Nos
Congestion, Nos
Inflammation, Nos

Intestine Small

Cecum, Colon
Ileum, Ileum

Lipoidosis
Postmortem Change

Kidney

Glomerulus

Nephrosis, Nos

Lymph node

Mesenteric Lymph Node

Hyperplasia, Nos

Unspecified

Multiple Organs Nos

Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_363

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
Kidney	Glomerulus	Nephrosis, Nos
Liver	Hepatic Lobule	Necrosis, Focal
Ovary		Corpus Atreticum
Thymus		Involution, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_373

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
	Cortex Nos	Hyperplasia, Nos
Esophagus		Hyperkeratosis
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver		Cyst, Multiple
	Centrilobular	Hepatocytomegaly
	Hepatic Lobule	Necrosis, Focal
Lymph node		Hyperplasia, Nos
Ovary		Atrophy, Nos
		Corpus Atreticum
Pancreas		Lipoidosis
Skin		Inflammation, Chronic
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	Hyperkeratosis
Thymus		Involution, Nos
Uterus	Endometrium	Hyperplasia, Nos
Vagina		Inflammation, Acute Vesicular
		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_381

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large

Cortex Nos
Cecum, Colon
Cecum, Colon
Glomerulus
Alveoli
Multiple Organs Nos
Multiple Organs Nos

Kidney
Lung
Unspecified

Hemorrhage
Congestion, Nos
Ulcer, Nos
Nephrosis, Nos
Inflammation, Acute
Amyloidosis
Postmortem Change

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_382

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Congestion, Nos
Kidney		Glomerulonephritis, Chronic
Liver		Cirrhosis, Portal
	Centrilobular	Hepatocytomegaly
Lung		Inflammation, Interstitial
Lymph node	Cervical Lymph Node Nos	Hyperplasia, Nos
Spleen	Red Pulp	Hyperplasia, Reticulum Cell
		Hypoplasia, Lymphoid
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_383

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Large
Kidney

Liver
Lung
Lymph node
Ovary
Thymus
Unspecified
Vagina

Cortex Nos
Left Atrium Nos
Anus Nos
Glomerulus
Glomerulus
Hepatic Lobule
Alveoli

Multiple Organs Nos

Amyloidosis
Thrombus, Organized
Persistent Cloaca
Amyloidosis
Nephrosis, Nos
Amyloidosis
Inflammation, Acute Diffuse
Hyperplasia, Nos
Corpus Atreticum
Involution, Nos
Postmortem Change
Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_391

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Serosa, Colon	Abscess, Nos
	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
	Centrilobular	Congestion, Passive
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Vagina		Inflammation, Acute
		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_392

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Bone marrow		Congestion, Nos
Intestine Large	Gastrointestinal Tract	Inflammation, Acute Suppurative
Kidney	Glomerulus	Amyloidosis
		Glomerulonephritis, Chronic
Liver	Portal Tract	Amyloidosis
		Cirrhosis, Portal
Lymph node		Hyperplasia, Nos
Spleen		Hypoplasia, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_393

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Intestine Small	Ileum	Inflammation, Suppurative
Kidney	Glomerulus	Amyloidosis
		Glomerulonephritis, Chronic
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Salivary gland		Abscess, Nos
Spleen		Amyloidosis
		Hematopoiesis
		Hypoplasia, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_421

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
		Cyst, Nos
	Bile Duct	Dilatation, Nos
Lung		Inflammation, Interstitial
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Thyroid		Cyst, Colloid
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos
	Endometrium	Hyperplasia, Nos
		Papillary Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_422

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis Cortical Adenoma
Intestine Large	Anus Nos Intestinal Tract	Persistent Cloaca Postmortem Change
Kidney	Glomerulus Glomerulus	Amyloidosis Nephrosis, Nos
Liver	Hepatic Lobule Hepatic Lobule	Cyst, Nos Lipoidosis Necrosis, Focal
Lung	Alveoli	Inflammation, Suppurative
Lymph node		Hyperplasia, Nos
Ovary		Corpus Atreticum
Pancreas		Lipoidosis
Skin	Circumanal Gland	Inflammation, Acute Suppurative
Spleen		Amyloidosis Hematopoiesis
Uterus	Fimbria/Fallopian Tube	Hypoplasia, Lymphoid Adenoma, Nos Necrosis, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_423

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Esophagus		Ulcer, Nos
Intestine Large	Gastrointestinal Tract	Inflammation, Suppurative
	Gastrointestinal Tract	Postmortem Change
Kidney		Glomerulonephritis, Chronic
Liver		Cirrhosis, Portal
	Hepatic Sinusoid	Congestion, Nos
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Pancreas		Metamorphosis, Fatty
Spleen		Hematopoiesis
		Hypoplasia, Lymphoid
Thyroid		Inflammation, Acute/Chronic
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_431

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis Cortical Adenoma
Bone marrow		Aplasia, Hematopoietic
Intestine Large	Cecum, Colon	Abscess, Nos
	Gastrointestinal Tract	Postmortem Change
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Portal Tract	Amyloidosis
		Cirrhosis, Portal
	Centrilobular	Congestion, Passive
	Hepatic Lobule	Necrosis, Focal
Thyroid	Follicle	Atrophy, Nos
Uterus	Serosa	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_432

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Amyloidosis
Heart	Myocardium Nos	Calcification, Focal
	Atrium	Thrombus, Mural
Intestine Large	Intestinal Tract	Postmortem Change
Kidney		Amyloidosis
		Infarct, Healed
		Inflammation, Chronic
Lung		Hemosiderosis
Lymph node	Colo-Rectal Lymph Node	Hyperplasia, Nos
Salivary gland		Necrosis, Focal
Spleen		Amyloidosis
Unspecified	Perineum Nos	Acanthosis
	Multiple Organs Nos	Congestion, Nos
	Perineum Nos	Hyperplasia, Nos
Vagina		Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_433

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Atrium	Thrombus, Mural
Intestine Large	Intestinal Tract	Postmortem Change
Intestine Small	Jejunum	Congestion, Nos
Kidney		Inflammation, Chronic
Liver	Centrilobular	Hemorrhage
	Centrilobular	Necrosis, Nos
Lung		Alveolar Macrophages
		Inflammation, Chronic
Spleen		Hematopoiesis
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos
Vagina		Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_441

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Gastrointestinal Tract

Inflammation, Acute Suppurative

Intestine Small

Ileocolic Combined Site, Ileum

Abscess, Nos

Kidney

Intestinal Villus, Ileum

Regeneration, Incomplete

Liver

Degeneration, Hydropic

Glomerulonephritis, Acute

Lung

Inflammation, Acute Necrotizing

Necrosis, Focal

Lymph node

Inflammation, Interstitial

Hyperplasia, Nos

Spleen

Red Pulp

Hematopoiesis

Hypoplasia, Lymphoid

Stomach

Ulceration, Diffuse

Unspecified

Multiple Organs Nos

Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_442

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Intestine Large	Intestinal Tract	Inflammation, Acute Suppurative
	Gastrointestinal Tract	Postmortem Change
Kidney	Glomerulus	Amyloidosis
		Glomerulonephritis, Chronic
Liver		Congestion, Nos
		Inflammation, Acute Hemorrhagic
		Necrosis, Nos
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Pancreas		Metamorphosis, Fatty

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_443

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large	Gastrointestinal Tract	Inflammation, Acute
	Colon	Inflammation, Suppurative
	Gastrointestinal Tract	Postmortem Change
Kidney		Glomerulonephritis, Chronic
Liver	Centrilobular	Congestion, Nos
Lung		Inflammation, Interstitial
Lymph node	Colo-Rectal Lymph Node	Hyperplasia, Nos
Pancreas		Lipoidosis
Spleen		Degeneration, Hyaline
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Endometrium	Hyperplasia, Nos
		Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_451

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Colon

Inflammation, Chronic Focal

Gastrointestinal Tract

Postmortem Change

Kidney

Inflammation, Chronic

Liver

Cirrhosis, Portal

Bile Duct

Hyperplasia, Nos

Unspecified

Multiple Organs Nos

Amyloidosis

Uterus

Inflammation, Chronic Suppurative

Vagina

Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_452

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Blood vessel	Brachioceph. Artery	Embolism, Nos
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver		Congestion, Nos
	Bile Duct	Dilatation, Nos
		Necrosis, Focal
Lung		Inflammation, Interstitial
Ovary		Atrophy, Nos
		Corpus Atreticum
Pancreas		Lipoidosis
Spleen		Hemangioma
		Hypoplasia, Nos
Stomach	Fundus	Hyperplasia, Nos
Uterus	Serosa	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_461

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver	Centrilobular	Congestion, Passive
Lung		Inflammation, Interstitial
Lymph node	Cervical Lymph Node Nos	Hyperplasia, Nos
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Endometrium	Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_462

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large

Cortex Nos
Gastrointestinal Tract
Gastrointestinal Tract

Lung
Lymph node
Pancreas
Parathyroid gland
Spleen

Amyloidosis
Inflammation, Nos
Postmortem Change
Inflammation, Interstitial
Hyperplasia, Nos
Lipoidosis
Hyperplasia, Nos
Amyloidosis
Hematopoiesis
Hypoplasia, Nos
Involution, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_463

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Gall bladder		Edema, Nos
Intestine Large	Cecum, Colon	Inflammation, Pyogranulomatous
Intestine Small	Ileum	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
	Centrilobular	Congestion, Passive
Lung	Alveoli	Histiocytosis
Lymph node	Colo-Rectal Lymph Node	Hemosiderosis
		Hyperplasia, Nos
Ovary		Atrophy, Nos
		Corpus Atreticum
		Retention Of Content
Pancreas		Lipoidosis
Pituitary gland		Degeneration, Hyaline
Spleen		Hypoplasia, Nos
Thyroid	Follicle	Atrophy, Focal
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_471

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Mitral Valve Nos	Inflammation, Chronic
	Mitral Valve Nos	Thrombosis, Nos
Intestine Large	Intestinal Tract	Inflammation, Acute
Intestine Small	Ileum	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung	Alveoli	Inflammation, Acute
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_472

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart

Left Atrium Nos

Thrombosis, Nos

Intestine Large

Large Intestine, Colon

Inflammation, Nos

Intestine Small

Duodenum

Postmortem Change

Kidney

Glomerulus

Infarct, Nos

Liver

Bile Duct

Nephrosis, Nos

Lung

Bile Duct

Hyperplasia, Nos

Lymph node

Alveoli

Inflammation, Nos

Inflammation, Acute

Periarteritis

Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_473

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Small	Peyers Patch	Hyperplasia, Nos
	Ileum	Inflammation, Acute/Chronic
	Ileum	Inflammation, Nos
Kidney		Degeneration, Hydropic
		Glomerulonephritis, Acute
Liver	Tubule	Necrosis, Nos
	Centrilobular	Congestion, Nos
		Hepatitis, Toxic
Lung		Inflammation, Interstitial
Skin		Ulcer, Acute
Spleen		Hematopoiesis
		Hypoplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_481

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
		Cyst, Multiple
Lung	Alveoli	Histiocytosis
Lymph node		Hyperplasia, Nos
Ovary		Atrophy, Nos
Pancreas		Lipoidosis
Spleen		Hyperplasia, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Urinary bladder	Submucosa	Edema, Nos
Vagina		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_482

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Vagina		Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_483

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Intestinal Tract

Postmortem Change

Kidney

Glomerulus

Nephrosis, Nos

Liver

Cirrhosis, Portal

Lymph node

Colo-Rectal Lymph Node

Hyperplasia, Nos

Pancreas

Postmortem Change

Spleen

Hypoplasia, Nos

Thymus

Involution, Nos

Unspecified

Multiple Organs Nos

Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_491

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Glomerulus	Nephrosis, Nos
Liver		Amyloidosis
	Bile Duct	Inflammation, Nos
Pituitary gland		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_492

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Mitral Valve Nos	Inflammation, Chronic
	Mitral Valve Nos	Thrombosis, Nos
Intestine Large	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung		Histiocytosis
Lymph node	Cervical Lymph Node Nos	Hyperplasia, Nos
Pancreas		Postmortem Change
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_493	TRT#: 2 DOSE: 10000 PPM	SEX: Female DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Bone marrow		Congestion, Nos	
Intestine Large	Colon	Abscess, Nos	
	Intestinal Tract	Inflammation, Acute Suppurative	
Kidney		Glomerulonephritis, Chronic	
Liver		Cirrhosis, Portal	
Lung		Inflammation, Interstitial	
Lymph node		Hyperplasia, Nos	
Spleen	Red Pulp	Hyperplasia, Nos	
		Hypoplasia, Lymphoid	
Stomach	Fundus	Hyperplasia, Nos	
	Fundus	Necrosis, Nos	
Unspecified	Multiple Organs Nos	Amyloidosis	
<hr/>			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_501

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large

Cortex Nos
Gastrointestinal Tract
Gastrointestinal Tract

Amyloidosis
Inflammation, Suppurative
Postmortem Change

Kidney
Lymph node
Pancreas
Spleen

Mesenteric Lymph Node

Glomerulonephritis, Chronic
Hyperplasia, Nos
Lipoidosis
Amyloidosis
Hematopoiesis

Thymus
Vagina

Red Pulp

Hyperplasia, Lymphoid
Hypoplasia, Nos
Involution, Nos
Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_502

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Epicardium	Inflammation, Acute
	Cardiac Valve	Thrombosis, Nos
Intestine Large	Gastrointestinal Tract	Inflammation, Acute Suppurative
	Gastrointestinal Tract	Postmortem Change
Kidney		Glomerulonephritis, Chronic
Liver		Cirrhosis, Portal
Lymph node		Hyperplasia, Nos
Spleen		Hypoplasia, Lymphoid
Unspecified	Multiple Organs Nos	Amyloidosis
Urinary bladder		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_511

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain		Gliosis
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cyst, Multiple
Ovary		Atrophy, Nos
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_512

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large	Gastrointestinal Tract	Inflammation, Suppurative
Kidney		Glomerulonephritis, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Spleen		Hyperplasia, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_513

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Cortex Nos	Amyloidosis Cyst, Nos
Gall bladder		Calculus, Unknown Gross Or Micro
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Intestinal Tract	Postmortem Change
Lymph node		Hyperplasia, Nos
Mammary gland		Lactation
Pancreas		Lipoidosis
Thyroid		Hyperplasia, Follicular Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_521

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Amyloidosis

Heart

Myocardium Nos

Inflammation, Acute Focal

Intestine Large

Auricular Appendage Nos

Thrombus, Organized

Kidney

Gastrointestinal Tract

Inflammation, Nos

Liver

Gastrointestinal Tract

Postmortem Change

Spleen

Glomerulus

Amyloidosis

Periportal

Glomerulonephritis, Chronic

Amyloidosis

Cirrhosis, Portal

Hypoplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_522

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large

Intestinal Tract
Gastrointestinal Tract
Gastrointestinal Tract
Cecum, Colon

Inflammation, Acute Suppurative
Inflammation, Suppurative
Postmortem Change
Ulcer, Nos
Infarct, Nos
Hyperplasia, Nos
Lipoidosis
Amyloidosis
Hypoplasia, Nos
Involution, Nos

Kidney
Lymph node
Pancreas
Spleen

Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_523

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Intestine Large

Kidney

Liver

Lung

Lymph node

Spleen

Thyroid

Uterus

Gastrointestinal Tract

Gastrointestinal Tract

Glomerulus

Portal Tract

Serosa

Congestion, Nos

Inflammation, Acute Diffuse

Postmortem Change

Amyloidosis

Glomerulonephritis, Chronic

Amyloidosis

Cirrhosis, Portal

Congestion, Nos

Hyperplasia, Nos

Hypoplasia, Nos

Amyloidosis

Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_531

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Atrophy, Nos
Bone marrow		Fibrosis
Intestine Large	Colon	Inflammation, Chronic Focal
Kidney		Inflammation, Chronic
Liver		Cirrhosis, Portal
		Hematopoiesis
Lung		Edema, Nos
Skin		Inflammation, Focal
Stomach		Acanthosis
Unspecified		Abscess, Nos
	Multiple Organs Nos	Amyloidosis
		Inflammation, Chronic Focal

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_532

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel	Ascending Aorta	Thrombosis, Nos
Intestine Large	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
		Cyst, Nos
Lung		Inflammation, Interstitial
Lymph node	Cervical Lymph Node Nos	Hyperplasia, Nos
Pancreas		Postmortem Change
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_533

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Left Ventricle Nos	Thrombosis, Nos
	Left Atrium Nos	Thrombus, Organized
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
		Cyst, Nos
Lung		Inflammation, Interstitial
Lymph node	Cervical Lymph Node Nos	Hyperplasia, Nos
Stomach	Fundus	Ulcer, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos
Vagina		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_542

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Cecum, Colon	Inflammation, Acute
	Anus Nos	Metaplasia, Squamous
Intestine Small	Ileum	Postmortem Change
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver		Amyloidosis
		Cirrhosis, Portal
		Cyst, Nos
Lung	Alveoli	Inflammation, Acute Focal
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Thymus		Involution, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_561

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Intestinal Tract

Inflammation, Nos

Kidney

Glomerulonephritis, Chronic

Liver

Cirrhosis, Portal

Lung

Inflammation, Interstitial

Lymph node

Hyperplasia, Nos

Skin

Scar

Spleen

Hypoplasia, Nos

Thymus

Involution, Nos

Unspecified

Multiple Organs Nos

Amyloidosis

Uterus

Polyp, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_563

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Cortex Nos	Amyloidosis Atrophy, Nos Congestion, Nos
Intestine Large Liver	Gastrointestinal Tract	Postmortem Change Cirrhosis, Portal Hematopoiesis
Lung	Portal Tract	Necrosis, Hemorrhagic Hemorrhage Hyperplasia, Alveolar Epithelium
Spleen Thyroid	Alveoli	Hypertrophy, Nos Amyloidosis Amyloidosis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_571

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large	Colon	Hyperplasia, Focal
	Cecum, Colon	Inflammation, Chronic
	Large Intestine, Colon	Inflammation, Chronic
	Cecum, Colon	Necrosis, Focal
Intestine Small	Ileum	Postmortem Change
Kidney		Inflammation, Chronic
Liver		Cirrhosis, Portal
	Centrilobular	Congestion, Nos
	Hepatocytes	Cytoplasmic Vacuolization
	Bile Duct	Dilatation, Nos
	Bile Duct	Hyperplasia, Nos
	Hepatocytes	Necrosis, Nos
Lung		Hyperplasia, Alveolar Epithelium
	Alveoli	Hypertrophy, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Vagina		Hyperplasia, Epithelial
		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_572

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large
Kidney
Liver
Lung
Ovary
Pancreas
Spleen
Unspecified
Urinary bladder
Vagina

Intestinal Tract
Glomerulus
Hepatic Lobule
Alveoli

Multiple Organs Nos

Postmortem Change
Nephrosis, Nos
Necrosis, Focal
Inflammation, Diffuse
Corpus Atreticum
Lipoidosis
Hypoplasia, Nos
Amyloidosis
Hyperplasia, Papillary
Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_573

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
	Cortex Nos	Hyperplasia, Nos
Intestine Large	Anus Nos	Persistent Cloaca
	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lymph node	Colo-Rectal Lymph Node	Hyperplasia, Nos
Ovary		Corpus Atreticum
Pancreas		Dilatation, Ducts
Parathyroid gland		Hyperplasia, Nos
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_601

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland		Cortical Adenoma
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Anus Nos	Cyst, Epidermal Inclusion
	Anus Nos	Hyperkeratosis
	Cecum, Colon	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
	Centrilobular	Hepatocytomegaly
Lung		Sarcoma, Nos, Metastatic
Ovary		Corpus Atreticum
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
		Sarcoma, Nos
Uterus	Endometrium	Hyperplasia, Nos
Vagina		Inflammation, Acute
		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_602

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large	Intestinal Tract	Postmortem Change
Kidney		Inflammation, Chronic
Liver		Cirrhosis, Portal
Lymph node	Mesenteric Lymph Node	Inflammation, Chronic
Skin		Acanthosis
Stomach		Acanthosis
		Hyperkeratosis
Unspecified	Multiple Organs Nos	Amyloidosis
	Perineum Nos	Inflammation, Necrotizing
Uterus		Inflammation, Suppurative
Vagina		Inflammation, Necrotizing

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_603

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Intestine Large

Kidney

Liver

Lung

Lymph node

Skeletal muscle

Skin

Stomach

Unspecified

Uterus

Atrium

Intestinal Tract

Mesenteric Lymph Node

Laryngeal Muscle Nos

Chest

Multiple Organs Nos

Chest

Chest

Serosa

Hemorrhage

Thrombus, Mural

Postmortem Change

Inflammation, Chronic

Cirrhosis, Portal

Edema, Nos

Inflammation, Chronic

Inflammation, Chronic

Inflammation, Chronic Focal

Ulcer, Nos

Acanthosis

Hyperkeratosis

Amyloidosis

Fibrosis

Inflammation, Necrotizing

Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_611

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Kidney

Liver

Lung

Lymph node

Ovary

Skin

Spleen

Thymus

Unspecified

Uterus

Vagina

Gastrointestinal Tract

Glomerulus

Centrilobular

Alveoli

Mesenteric Lymph Node

Circumanal Gland

Multiple Organs Nos

Endometrium

Postmortem Change

Nephrosis, Nos

Cirrhosis, Portal

Congestion, Passive

Histiocytosis

Hyperplasia, Nos

Postmortem Change

Atresia

Inflammation, Suppurative

Hypoplasia, Nos

Involution, Nos

Amyloidosis

Inflammation, Nos

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_612

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Intestinal Tract

Postmortem Change

Kidney

Inflammation, Chronic

Liver

Centrilobular

Congestion, Nos

Centrilobular

Necrosis, Nos

Lung

Alveolar Macrophages

Congestion, Nos

Inflammation, Chronic

Spleen

Hematopoiesis

Stomach

Acanthosis

Hyperkeratosis

Unspecified

Multiple Organs Nos

Amyloidosis

Uterus

Serosa

Congestion, Nos

Vagina

Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_613

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Anus Nos	Cyst, Epidermal Inclusion
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Portal Tract	Amyloidosis
		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos
Pancreas		Lipoidosis
Parathyroid gland		Cyst, Nos
Stomach	Cardiac Stomach	Hyperkeratosis
Thyroid		Cyst, Colloid

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:54

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_621

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large

Medulla
Cecum, Colon
Intestinal Tract
Gastrointestinal Tract

Calcification, Focal
Inflammation, Acute Suppurative
Inflammation, Nos
Postmortem Change

Kidney
Liver
Lymph node
Pancreas
Spleen
Thymus
Unspecified

Bile Duct

Glomerulonephritis, Chronic
Hyperplasia, Nos
Hyperplasia, Nos
Lipoidosis
Hypoplasia, Nos
Involution, Nos
Amyloidosis

Multiple Organs Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_622

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Congestion, Nos
		Inflammation, Chronic Focal
Liver		Congestion, Nos
Lung		Edema, Nos
		Hyperplasia, Alveolar Epithelium

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_623

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland		Hemorrhage
Heart	Mitral Valve Nos	Inflammation, Chronic
	Left Atrium Nos	Thrombus, Organized
	Mitral Valve Nos	Thrombus, Organized
Intestine Large	Colon	Intussusception
	Colon	Prolapse
Intestine Small	Ileum	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver	Bile Duct	Hyperplasia, Nos
Lung		Histiocytosis
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:54

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_631

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Atrium	Metaplasia, Osseous
Intestine Large	Intestinal Tract	Inflammation, Suppurative
	Gastrointestinal Tract	Postmortem Change
Kidney		Glomerulosclerosis, Nos
		Perivasculitis
Liver	Bile Duct	Hyperplasia, Nos
		Lymphocytic Inflammatory Infiltrate
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Skin		Hyperkeratosis
Spleen		Hematopoiesis
		Hypoplasia, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos
	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_632

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large	Intestinal Tract	Inflammation, Acute Diffuse
	Intestinal Tract	Postmortem Change
Kidney		Glomerulonephritis, Acute
Liver	Centrilobular	Congestion, Nos
	Bile Duct	Hyperplasia, Nos
	Centrilobular	Necrosis, Nos
Lymph node		Hyperplasia, Nos
Skin		Scar
Spleen		Hypoplasia, Lymphoid
	Red Pulp	Necrosis, Focal

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:54

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_633

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Amyloidosis

Intestine Large

Anus Nos

Metaplasia, Squamous

Kidney

Glomerulonephritis, Acute

Liver

Centrilobular

Congestion, Passive

Cytoplasmic Vacuolization

Centrilobular

Hepatocytomegaly

Centrilobular

Necrosis, Focal

Lung

Alveoli

Congestion, Nos

Ovary

Corpus Atreticum

Pancreas

Lipoidosis

Thymus

Involution, Nos

Uterus

Endometrium

Hyperplasia, Cystic

Vagina

Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_641

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Small	Ileum, Ileum	Inflammation, Proliferative
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung	Alveoli	Histiocytosis
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos
Ovary		Corpus Atreticum
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Vagina		Inflammation, Suppurative
		Metaplasia, Squamous
		Persistent Cloaca

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_643

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large	Intestinal Tract	Postmortem Change
Kidney		Inflammation, Chronic
Liver		Cirrhosis, Portal
		Congestion, Nos
Lung		Alveolar Macrophages
		Congestion, Nos
Stomach		Acanthosis
		Hyperkeratosis
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos
Vagina		Hyperplasia, Nos
		Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_651

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Atrium	Thrombus, Organized
Intestine Large	Intestinal Tract	Inflammation, Acute
Intestine Small	Intestinal Villus, Ileum	Regeneration, Incomplete
Kidney		Glomerulonephritis, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
		Lymphadenopathy
Pancreas		Lipoidosis
Skin		Inflammation, Chronic Diffuse
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Periarteritis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:54

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_652

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Small
Kidney
Liver
Lung
Lymph node
Salivary gland
Skin

Ileum

Inflammation, Acute
Glomerulonephritis, Chronic
Cirrhosis, Portal
Inflammation, Interstitial
Hyperplasia, Nos
Abscess, Nos
Scar
Verruca

Spleen
Unspecified

Multiple Organs Nos

Hypoplasia, Nos
Amyloidosis
Lipoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_653

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Gall bladder
Intestine Large

Intestinal Tract
Anus Nos
Gastrointestinal Tract
Anus Nos

Kidney
Liver
Lung

Lymph node
Spleen
Unspecified

Multiple Organs Nos

Congestion, Nos
Calculus, Unknown Gross Or Micro
Abscess, Nos
Hyperkeratosis
Inflammation, Suppurative
Persistent Cloaca
Glomerulonephritis, Chronic
Cirrhosis, Portal
Congestion, Nos
Emphysema, Nos
Inflammation, Interstitial
Hyperplasia, Nos
Hyperplasia, Nos
Abscess, Nos
Amyloidosis
Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_662

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large

Colon
Intestinal Tract

Hyperplasia, Focal
Inflammation, Chronic
Inflammation, Chronic
Cirrhosis, Portal
Congestion, Nos
Metamorphosis, Fatty
Abscess, Nos
Hyperplasia, Alveolar Epithelium
Hypertrophy, Nos
Amyloidosis
Congestion, Nos
Hyperplasia, Epithelial

Kidney

Liver

Lung

Unspecified

Multiple Organs Nos
Serosa

Uterus

Vagina

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_663

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large
Kidney

Cortex Nos
Intestinal Tract
Glomerulus

Lung
Lymph node
Spleen

Red Pulp

Amyloidosis
Inflammation, Suppurative
Amyloidosis
Glomerulonephritis, Chronic
Inflammation, Interstitial
Hyperplasia, Nos
Amyloidosis
Hyperplasia, Reticulum Cell
Hypoplasia, Lymphoid

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_671

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Congestion, Passive
Lung	Alveoli	Inflammation, Acute Diffuse
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Thymus		Involution, Nos
Thyroid		Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:54

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_681

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Intestinal Tract

Abscess, Nos

Intestinal Tract

Inflammation, Proliferative

Kidney

Glomerulonephritis, Chronic

Liver

Bile Duct

Hyperplasia, Nos

Lung

Inflammation, Interstitial

Lymph node

Hyperplasia, Nos

Pancreas

Lipoidosis

Spleen

Hypoplasia, Nos

Unspecified

Multiple Organs Nos

Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_682

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Glomerulus	Nephrosis, Nos
Liver	Periportal	Amyloidosis
Unspecified	Multiple Organs Nos	Postmortem Change

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_683

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Cortical Adenoma
Heart		Endocardiosis
Intestine Large	Gastrointestinal Tract	Inflammation, Acute Suppurative
	Gastrointestinal Tract	Postmortem Change
Kidney		Glomerulonephritis, Chronic
		Perivascularitis
Liver		Cirrhosis, Portal
Lung		Congestion, Nos
		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:54

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_701

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Large

Cortex Nos
Atrium
Colon
Rectum
Colon

Kidney
Liver
Lung

Atrophy, Nos
Necrosis, Focal
Hemorrhage
Hyperplasia, Nos
Inflammation, Chronic Focal
Inflammation, Chronic
Cirrhosis, Portal
Hemorrhage
Necrosis, Focal
Amyloidosis

Unspecified

Multiple Organs Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:54

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_702

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Large

Left Ventricle Nos
Anus Nos
Intestinal Tract

Kidney
Liver

Glomerulus
Centrilobular

Lung
Lymph node
Ovary

Alveoli

Pancreas
Thymus

Unspecified
Uterus

Multiple Organs Nos
Serosa
Endometrium

Pheochromocytoma
Thrombosis, Nos
Persistent Cloaca
Postmortem Change
Nephrosis, Nos
Congestion, Passive
Necrosis, Focal
Inflammation, Acute
Hyperplasia, Nos
Corpus Atreticum
Lipoidosis
Involution, Nos
Amyloidosis
Congestion, Nos
Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_703

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Heart	Left Atrium Nos	Thrombosis, Nos
Liver	Periportal	Amyloidosis
		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Spleen	Red Pulp	Hyperplasia, Reticulum Cell
		Hypoplasia, Lymphoid
Urinary bladder		Hyperplasia, Polypoid
		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:54

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_711

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel	Aorta Nos	Atherosclerosis
	Aorta Nos	Calcification, Medial
Intestine Large	Gastrointestinal Tract	Inflammation, Acute
	Intestinal Tract	Postmortem Change
Kidney		Glomerulonephritis, Chronic
		Mineralization
Liver		Cirrhosis, Portal
	Bile Duct	Dilatation, Nos
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Spleen		Hypoplasia, Nos
Thyroid		Cyst, Follicular Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_712

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow
Intestine Large

Kidney

Lung
Lymph node
Spleen
Urinary bladder

Gastrointestinal Tract
Gastrointestinal Tract

Congestion, Nos
Inflammation, Acute Diffuse
Postmortem Change
Degeneration, Hydropic
Glomerulonephritis, Acute
Nephrosis, Toxic
Inflammation, Interstitial
Hyperplasia, Nos
Hypoplasia, Nos
Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:54

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_713

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Blood vessel	Abdominal Aorta	Atherosclerosis
Heart	Left Atrium Nos	Thrombus, Organized
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Centrilobular	Congestion, Passive
		Cyst, Multiple
		Necrosis, Focal
Lymph node	Cervical Lymph Node Nos	Hyperplasia, Nos
Ovary		Atrophy, Nos
		Corpus Atreticum
Spleen		Amyloidosis
		Hypoplasia, Nos
Thymus		Involution, Nos
Thyroid		Cyst, Colloid
Uterus	Serosa	Congestion, Nos
	Endometrium	Hyperplasia, Nos
Vagina		Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:54

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_721

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Cardiac Valve	Inflammation, Proliferative
	Cardiac Valve	Thrombosis, Nos
Intestine Large	Intestinal Tract	Inflammation, Nos
	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lymph node		Hyperplasia, Nos
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Thyroid	Follicle	Atrophy, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:54

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_722

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
	Bile Duct	Dilatation, Nos
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Skin		Verruca
Spleen		Hypoplasia, Nos
Stomach	Cardiac Stomach	Inflammation, Nos
	Cardiac Stomach	Metaplasia, Squamous
Unspecified	Multiple Organs Nos	Amyloidosis
Urinary bladder		Hyperplasia, Papillary

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_723

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Blood vessel	Aorta Nos	Atherosclerosis
Bone marrow		Congestion, Nos
Intestine Large	Intestinal Tract	Inflammation, Acute Suppurative
	Intestinal Tract	Postmortem Change
Intestine Small	Intestinal Villus, Ileum	Regeneration, Incomplete
Kidney	Glomerulus	Amyloidosis
		Glomerulonephritis, Chronic
Liver	Centrilobular	Congestion, Nos
	Periportal	Edema, Nos
	Bile Duct	Hyperplasia, Nos
	Hepatocytes	Necrosis, Central
Lung		Inflammation, Interstitial
		Thrombosis, Nos
Lymph node		Hyperplasia, Nos
Spleen		Hypoplasia, Nos
Thyroid		Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:54

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_731

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow		Congestion, Nos
Gall bladder		Edema, Nos
Heart		Perivascular Cuffing
Intestine Large	Intestinal Tract	Inflammation, Acute Suppurative
Kidney		Glomerulonephritis, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Lymph node		Hyperplasia, Nos
Spleen	Red Pulp	Hyperplasia, Reticulum Cell
		Hypoplasia, Lymphoid
Stomach	Cardiac Stomach	Hyperkeratosis
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:54

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_732

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Heart	Left Atrium Nos	Thrombus, Organized
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Pancreas	Islets	Islet-Cell Adenoma
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_733

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large	Colon	Inflammation, Chronic Focal
Kidney		Inflammation, Chronic
Liver		Cirrhosis, Portal
Lymph node	Mesenteric Lymph Node	Inflammation, Chronic
Stomach	Pylorus	Inflammation, Chronic
	Pylorus	Necrosis, Focal
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:54

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_751

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Brain		Mineralization
Intestine Large	Anus Nos	Cyst, Epidermal Inclusion
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Centrilobular	Congestion, Passive
		Cytoplasmic Vacuolization
		Necrosis, Focal
Lung	Alveoli	Histiocytosis
Lymph node		Hyperplasia, Nos
Mammary gland		Lactation
Ovary		Atrophy, Nos
		Corpus Atreticum
Thymus		Involution, Nos
Uterus	Endometrium	Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_752

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large
Kidney

Intestinal Tract

Postmortem Change

Liver

Glomerulus

Abscess, Nos

Lung

Spleen

Periportal

Nephrosis, Nos

Amyloidosis

Hematopoiesis

Hemorrhage

Amyloidosis

Cyst, Hemorrhagic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_753

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large	Gastrointestinal Tract Colon Gastrointestinal Tract	Inflammation, Suppurative Intussusception Postmortem Change
Kidney		Glomerulonephritis, Chronic Perivasculitis
Liver	Bile Duct Hepatocytes	Cirrhosis, Portal Dilatation, Nos Necrosis, Nos
Lung	Alveoli	Calcification, Nos Inflammation, Acute
Lymph node	Colo-Rectal Lymph Node Colo-Rectal Lymph Node	Edema, Nos Hyperplasia, Nodular Hyperplasia, Nos
Pancreas		Lipoidosis
Skin		Hyperkeratosis Verruca
Spleen	Red Pulp	Hematopoiesis Hypoplasia, Lymphoid
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Vagina		Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:54

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_761

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large
Kidney

Cortex Nos
Intestinal Tract
Glomerulus
Glomerulus
Alveoli

Lung
Ovary

Pancreas
Thymus
Vagina

Amyloidosis
Postmortem Change
Amyloidosis
Nephrosis, Nos
Histiocytosis
Atrophy, Nos
Corpus Atreticum
Lipoidosis
Involution, Nos
Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:54

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_762

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Ventricle	Thrombus, Mural
Intestine Large	Intestinal Tract	Congestion, Nos
	Intestinal Tract	Postmortem Change
Kidney		Inflammation, Chronic
Liver	Centrilobular	Congestion, Nos
		Necrosis, Focal
Lung		Alveolar Macrophages
		Inflammation, Chronic
Skin		Cyst, Epidermal Inclusion
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:54

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_763

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Bone marrow

Intestine Large

Kidney

Liver

Lung

Lymph node

Pancreas

Spleen

Thymus

Unspecified

Uterus

Gastrointestinal Tract

Gastrointestinal Tract

Bile Duct

Multiple Organs Nos

Serosa

Endometrium

Pheochromocytoma

Congestion, Nos

Inflammation, Suppurative

Postmortem Change

Glomerulonephritis, Chronic

Perivasculitis

Hyperplasia, Nos

Inflammation, Interstitial

Hyperplasia, Nos

Lipoidosis

Hypoplasia, Nos

Involution, Nos

Amyloidosis

Congestion, Nos

Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_781

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large

Kidney
Liver
Lymph node
Spleen
Unspecified

Cortex Nos
Anus Nos
Intestinal Tract
Glomerulus
Colo-Rectal Lymph Node
Multiple Organs Nos

Dilatation, Nos
Persistent Cloaca
Postmortem Change
Nephrosis, Nos
Cirrhosis, Portal
Hyperplasia, Nos
Hypoplasia, Nos
Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:54

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_782

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
		Cyst, Nos
		Necrosis, Focal
Lung	Alveoli	Histiocytosis
Lymph node		Hyperplasia, Nos
Ovary		Fibroma
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:54

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_783

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Intestinal Tract

Postmortem Change

Kidney

Glomerulus

Nephrosis, Nos

Liver

Cirrhosis, Portal

Lymph node

Colo-Rectal Lymph Node

Hyperplasia, Nos

Ovary

Cyst, Nos

Spleen

Hypoplasia, Nos

Thymus

Involution, Nos

Unspecified

Multiple Organs Nos

Amyloidosis

Vagina

Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_791

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Mammary gland		Lactation
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
	Multiple Organs Nos	Postmortem Change
Uterus	Serosa	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:54

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_792

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
	Cortex Nos	Atrophy, Nos
Heart	Myocardium Nos	Inflammation, Chronic Focal
Intestine Large	Anus Nos	Acanthosis
	Anus Nos	Hyperkeratosis
Kidney		Amyloidosis
		Congestion, Nos
		Inflammation, Chronic
Liver		Cirrhosis, Portal
		Hematopoiesis
	Centrilobular	Necrosis, Hemorrhagic
Lung		Hyperplasia, Alveolar Epithelium
	Alveoli	Hypertrophy, Nos
Ovary		Congestion, Nos
Skin	Cheek Nos	Edema, Nos
Spleen		Amyloidosis
Uterus	Serosa	Congestion, Nos
	Endometrium	Cyst, Nos
Vagina		Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:54

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_793

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Heart

Cortex Nos
Mitral Valve Nos
Mitral Valve Nos
Left Atrium Nos

Hyperplasia, Focal
Inflammation, Proliferative
Thrombosis, Nos

Kidney
Liver

Glomerulus

Thrombus, Organized

Lung
Lymph node

Hepatic Lobule

Nephrosis, Nos
Cirrhosis, Portal
Necrosis, Focal

Ovary
Parathyroid gland

Inflammation, Interstitial
Hyperplasia, Nos

Spleen
Stomach

Fundus

Corpus Atreticum
Adenoma, Nos
Hypoplasia, Nos

Thymus
Thyroid

Erosion
Involution, Nos

Unspecified

Follicle

Atrophy, Nos

Multiple Organs Nos

Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_801

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung		Emphysema, Alveolar
		Inflammation, Interstitial
Ovary		Corpus Atreticum
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
	Multiple Organs Nos	Postmortem Change
Vagina		Inflammation, Acute Suppurative
		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:54

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_802

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow		Aplasia, Hematopoietic
Intestine Large	Anus Nos	Metaplasia, Squamous
Intestine Small	Ileum	Postmortem Change
Kidney		Nephrosis, Nos
Liver		Cirrhosis, Portal
		Cyst, Nos
Lymph node		Hyperplasia, Nos
Ovary		Corpus Atreticum
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Stomach	Cardiac Stomach	Hyperkeratosis
Unspecified	Multiple Organs Nos	Amyloidosis
Vagina		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:54

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_803

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland		Cortical Adenoma
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Small	Ileum	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Lung		Histiocytosis
Lymph node		Hyperplasia, Nos
Ovary		Cyst, Nos
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Thyroid	Follicle	Atrophy, Nos
		Cyst, Colloid
Unspecified	Multiple Organs Nos	Amyloidosis
Urinary bladder		Hyperplasia, Papillary
Uterus	Serosa	Congestion, Nos
Vagina		Inflammation, Acute Vesicular

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:54

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_811

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Colon

Adenocarcinoma, Nos

Intestinal Tract

Inflammation, Suppurative

Kidney

Glomerulonephritis, Chronic

Liver

Bile Duct

Hyperplasia, Nos

Lung

Inflammation, Interstitial

Lymph node

Hyperplasia, Nos

Pancreas

Lipoidosis

Spleen

Hypoplasia, Nos

Thymus

Involution, Nos

Unspecified

Multiple Organs Nos

Amyloidosis

Urinary bladder

Hyperplasia, Papillary

Inflammation, Chronic

Uterus

Serosa

Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:54

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_812

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Cecum, Colon

Hyperplasia, Epithelial

Intestine Small

Intestinal Villus, Ileum

Regeneration, Incomplete

Kidney

Glomerulus

Amyloidosis

Lung

Glomerulus

Nephrosis, Nos

Lymph node

Histiocytosis

Mammary gland

Hyperplasia, Nos

Pancreas

Lactation

Thymus

Lipoidosis

Vagina

Involution, Nos

Hyperkeratosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_813

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Intestine Large	Large Intestine, Colon	Inflammation, Nos
	Anus Nos	Persistent Cloaca
	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Ovary		Corpus Atreticum
Skin	Circumanal Gland	Inflammation, Acute Suppurative
Spleen		Hypoplasia, Nos
Stomach		Inflammation, Acute Focal
Thymus		Involution, Nos
Unspecified		Abscess, Nos
	Multiple Organs Nos	Amyloidosis
Vagina		Hyperplasia, Papillary
		Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_831

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Gastrointestinal Tract
Intestinal Tract

Inflammation, Suppurative
Postmortem Change

Kidney

Glomerulonephritis, Chronic

Liver

Inflammation, Acute Hemorrhagic

Lung

Inflammation, Interstitial

Lymph node

Hyperplasia, Nodular

Colo-Rectal Lymph Node

Hyperplasia, Nos

Pancreas

Lipoidosis

Spleen

Red Pulp

Hematopoiesis

Thymus

Hypoplasia, Nos

Unspecified

Multiple Organs Nos

Involution, Nos

Uterus

Serosa

Amyloidosis
Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:54

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_832

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Gastrointestinal Tract

Inflammation, Nos

Kidney

Gastrointestinal Tract

Postmortem Change

Liver

Bile Duct

Glomerulonephritis, Chronic

Lung

Perivasculitis

Lymph node

Hyperplasia, Nos

Spleen

Inflammation, Interstitial

Unspecified

Hyperplasia, Nos

Uterus

Multiple Organs Nos

Hypoplasia, Nos

Serosa

Amyloidosis

Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:54

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_833

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Colon	Intussusception
	Gastrointestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Endometrium	Inflammation, Suppurative
Vagina		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:54

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_841

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow

Heart

Intestine Large

Kidney

Lymph node

Skin

Spleen

Uterus

Myocardium Nos

Intestinal Tract

Glomerulus

Red Pulp

Endometrium

Congestion, Nos

Mineralization

Inflammation, Acute

Congestion, Nos

Glomerulonephritis, Subacute

Hyperplasia, Nos

Verruca

Hypoplasia, Nos

Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:54

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_842

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lymph node		Hyperplasia, Nos
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Endometrium	Inflammation, Acute Suppurative
Vagina		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:54

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_851

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Anus Nos	Cyst, Epidermal Inclusion
	Anus Nos	Persistent Cloaca
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
	Centrilobular	Congestion, Passive
		Cyst, Nos
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Ovary		Corpus Atreticum
Pancreas		Lipoidosis
Parathyroid gland		Adenoma, Nos
Pituitary gland		Cytoplasmic Vacuolization
Skin	Circumanal Gland	Inflammation, Acute
Spleen		Hypoplasia, Nos
Stomach	Cardiac Stomach	Hyperkeratosis
Unspecified	Multiple Organs Nos	Amyloidosis
		Fibrosarcoma
Uterus		Papillary Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:54

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_852

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Auricular Appendage Nos	Thrombus, Organized
Intestine Large	Gastrointestinal Tract	Inflammation, Acute Suppurative
Intestine Small	Duodenum	Regeneration, Nos
Kidney		Glomerulonephritis, Chronic
Liver		Cirrhosis, Portal
Lymph node		Edema, Nos
		Hyperplasia, Nos
Spleen		Fibrosis
		Hypoplasia, Nos
Stomach	Fundus	Ulcer, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_853

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Kidney	Glomerulus	Nephrosis, Nos
Liver	Periportal	Amyloidosis
Lung	Alveoli	Inflammation, Acute
Unspecified	Multiple Organs Nos	Postmortem Change

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:54

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_861

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Large

Cortex Nos
Left Atrium Nos
Intestinal Tract
Gastrointestinal Tract

Kidney
Liver
Lung
Lymph node

Bile Duct

Mesenteric Lymph Node

Pancreas
Spleen

Thymus

Amyloidosis
Thrombus, Organized
Inflammation, Acute Suppurative
Postmortem Change
Infarct, Healed
Amyloidosis
Inflammation, Interstitial
Edema, Nos
Hyperplasia, Nos
Lipoidosis
Amyloidosis
Hypoplasia, Nos
Involution, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:54

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_862

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large
Kidney
Liver

Gastrointestinal Tract

Inflammation, Acute Suppurative
Glomerulonephritis, Chronic
Cirrhosis, Portal

Bile Duct

Dilatation, Nos
Hyperplasia, Nos

Lymph node
Pancreas
Skin

Lipoidosis
Scar

Spleen

Hypoplasia, Nos

Thymus

Involution, Nos

Unspecified

Multiple Organs Nos

Amyloidosis

Uterus

Endometrium

Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:54

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_871

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Amyloidosis

Heart

Left Atrium Nos

Thrombus, Organized

Intestine Large

Anus Nos

Persistent Cloaca

Kidney

Glomerulus

Amyloidosis

Glomerulus

Nephrosis, Nos

Liver

Centrilobular

Congestion, Passive

Lung

Alveoli

Inflammation, Nos

Lymph node

Hyperplasia, Nos

Mammary gland

Lactation

Pancreas

Lipoidosis

Pituitary gland

Chromophobe Adenoma

Salivary gland

Postmortem Change

Spleen

Amyloidosis

Thyroid

Cyst, Colloid

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_872

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombosis, Nos
Intestine Small	Ileum	Inflammation, Acute Suppurative
Kidney		Glomerulonephritis, Chronic
Liver		Cirrhosis, Portal
	Bile Duct	Dilatation, Nos
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Skin		Scar
Spleen		Dilatation, Nos
		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Urinary bladder		Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_873

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large	Colon	Intussusception
	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Portal Tract	Amyloidosis
		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Ovary		Corpus Atreticum
Pancreas		Lipoidosis
Skin	Circumanal Gland	Inflammation, Nos
Spleen		Amyloidosis
		Hypoplasia, Nos
Thymus		Involution, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_881

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Endocardiosis
	Myocardium Nos	Mineralization
Intestine Large	Gastrointestinal Tract	Inflammation, Acute Suppurative
	Gastrointestinal Tract	Postmortem Change
Kidney		Glomerulonephritis, Chronic
Liver		Cirrhosis, Portal
Lymph node		Hyperplasia, Nos
Peritoneum		Inflammation, Chronic
Spleen		Hematopoiesis
		Hypoplasia, Lymphoid
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_882

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
	Cortex Nos	Hyperplasia, Focal
	Cortex Nos	Hyperplasia, Nos
Blood vessel	Abdominal Aorta	Atherosclerosis
	Brachioceph. Artery	Atherosclerosis
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Colon	Intussusception
	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Portal Tract	Amyloidosis
		Cirrhosis, Portal
		Cyst, Nos
Lung		Inflammation, Interstitial
Mammary gland		Lactation
Ovary		Atrophy, Nos
		Corpus Atreticum
Spleen		Hypoplasia, Lymphoid
Stomach	Fundus	Erosion
Uterus	Endometrium	Inflammation, Acute Suppurative
Vagina		Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:54

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_883

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large	Intestinal Tract	Inflammation, Acute
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung	Alveoli	Inflammation, Acute Diffuse
Lymph node		Hyperplasia, Nos
Ovary		Atresia
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Thyroid	Follicle	Atrophy, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Endometrium	Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_891

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Heart	Left Ventricle Nos	Thrombosis, Nos
	Left Atrium Nos	Thrombus, Organized
Intestine Large	Intestinal Tract	Postmortem Change
Liver	Centrilobular	Congestion, Passive
		Cyst, Nos
	Centrilobular	Necrosis, Focal
Lung	Alveoli	Histiocytosis
Ovary		Atrophy, Nos
		Corpus Atreticum
Pancreas	Islets	Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_892

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
	Cortex Nos	Hyperplasia, Nos
Esophagus		Ulcer, Nos
Intestine Small	Ileum	Inflammation, Suppurative
Kidney		Glomerulonephritis, Chronic
Liver	Periportal	Amyloidosis
	Bile Duct	Hyperplasia, Nos
Lymph node	Colo-Rectal Lymph Node	Edema, Nos
		Hyperplasia, Nos
Pancreas		Lipoidosis
Thymus		Involution, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_893

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis Cortical Adenoma
Intestine Large	Gastrointestinal Tract	Postmortem Change
Intestine Small	Jejunum	Inflammation, Nos
Liver	Portal Tract	Amyloidosis
	Bile Duct	Hyperplasia, Nos
Lymph node	Colo-Rectal Lymph Node	Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:54

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_901

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Colon

Hemorrhage

Colon

Intussusception

Colon

Necrosis, Focal

Intestine Small

Ileum, Ileum

Inflammation, Chronic

Kidney

Inflammation, Chronic

Liver

Cirrhosis, Portal

Lung

Congestion, Nos

Unspecified

Multiple Organs Nos

Amyloidosis

Uterus

Endometrium

Inflammation, Vesicular

Vagina

Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:54

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_902

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Colon	Abscess, Nos
	Rectum	Inflammation, Nos
	Colon	Intussusception
	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:54

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_903

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Large

Cortex Nos
Auricular Appendage Nos
Cecum, Colon
Gastrointestinal Tract
Gastrointestinal Tract
Glomerulus

Kidney

Portal Tract

Liver

Lung
Lymph node
Spleen
Thyroid

Amyloidosis
Thrombus, Organized
Abscess, Nos
Inflammation, Acute Suppurative
Postmortem Change
Amyloidosis
Glomerulonephritis, Chronic
Amyloidosis
Cirrhosis, Portal
Inflammation, Interstitial
Hyperplasia, Nos
Hypoplasia, Nos
Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:54

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_911

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Cecum, Colon

Abscess, Nos

Colon

Cholesterol Deposit

Colon

Edema, Nos

Cecum, Colon

Hyperplasia, Lymphoid

Gastrointestinal Tract

Inflammation, Nos

Colon

Pigmentation, Nos

Kidney

Glomerulonephritis, Chronic

Perivasculitis

Liver

Bile Duct

Hyperplasia, Nos

Bile Duct

Lymphocytic Inflammatory Infiltrate

Lung

Inflammation, Interstitial

Lymph node

Edema, Nos

Hyperplasia, Nos

Pancreas

Lipoidosis

Skin

Hyperkeratosis

Spleen

Hypoplasia, Nos

Stomach

Cardiac Stomach

Hyperkeratosis

Cardiac Stomach

Ulcer, Nos

Thymus

Involution, Nos

Unspecified

Multiple Organs Nos

Amyloidosis

Vagina

Cyst, Nos

Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:54

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_912

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Left Auricular Appendage	Thrombus, Organized
Intestine Large	Large Intestine, Colon	Inflammation, Nos
	Intestinal Tract	Postmortem Change
	Colon	Prolapse
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos
Ovary		Corpus Atreticum
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Urinary bladder		Hyperplasia, Papillary

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_913

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart
Intestine Large

Right Auricular Appendage
Intestinal Tract
Colon
Gastrointestinal Tract

Kidney
Liver
Lung
Lymph node
Pancreas
Spleen
Thymus
Unspecified
Vagina

Bile Duct

Multiple Organs Nos

Thrombosis, Nos
Inflammation, Nos
Intussusception
Postmortem Change
Glomerulonephritis, Chronic
Hyperplasia, Nos
Inflammation, Interstitial
Hyperplasia, Nos
Lipoidosis
Hypoplasia, Nos
Involution, Nos
Amyloidosis
Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:54

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_921

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
		Cyst, Multiple
Mammary gland		Lactation
Ovary		Atrophy, Nos
		Corpus Atreticum
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Flank	Abscess, Nos
	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_922

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large

Cecum, Colon
Gastrointestinal Tract
Colon
Gastrointestinal Tract

Abscess, Nos
Inflammation, Suppurative
Intussusception
Postmortem Change
Glomerulonephritis, Chronic
Cirrhosis, Portal
Inflammation, Interstitial
Hyperplasia, Nos
Inflammation, Acute/Chronic
Hypoplasia, Nos
Postmortem Change
Amyloidosis

Kidney

Liver

Lung

Lymph node

Skin

Spleen

Thyroid

Unspecified

Multiple Organs Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_923

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large	Gastrointestinal Tract	Inflammation, Suppurative
	Gastrointestinal Tract	Postmortem Change
Kidney		Glomerulonephritis, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Lung		Congestion, Nos
		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Spleen		Hypoplasia, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Urinary bladder		Inflammation, Chronic Cystic
Uterus	Serosa	Congestion, Nos
Vagina		Inflammation, Acute Suppurative
		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:54

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_931

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Degeneration, Nos

Necrosis, Cortical

Intestine Large

Large Intestine, Colon

Inflammation, Chronic

Kidney

Inflammation, Chronic

Liver

Cirrhosis, Portal

Lymph node

Mesenteric Lymph Node

Inflammation, Chronic

Unspecified

Multiple Organs Nos

Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_932

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Intestine Large	Cecum, Colon	Abscess, Nos
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Centrilobular	Congestion, Passive
		Necrosis, Focal
Lung		Inflammation, Interstitial

PRIMARY CAUSE OF DEATH -

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:54

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_941

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Bone marrow		Congestion, Nos
Gall bladder		Calculus, Unknown Gross Or Micro
Intestine Large	Cecum, Colon	Abscess, Nos
	Gastrointestinal Tract	Inflammation, Suppurative
	Gastrointestinal Tract	Postmortem Change
Kidney	Glomerulus	Amyloidosis
		Glomerulonephritis, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Lung		Congestion, Nos
Lymph node	Cervical Lymph Node Nos	Abscess, Nos
	Colo-Rectal Lymph Node	Edema, Nos
		Hyperplasia, Nos
Pancreas		Lipoidosis
Skin		Hyperkeratosis
Spleen		Amyloidosis
		Hypoplasia, Nos
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	Hyperkeratosis
Thymus		Involution, Nos
Urinary bladder		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 11:02:54

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_942

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Large

Kidney

Liver

Lung
Lymph node
Ovary
Pancreas
Thymus
Thyroid
Urinary bladder
Vagina

Cortex Nos
Left Atrium Nos
Anus Nos
Anus Nos
Cecum, Colon
Glomerulus
Glomerulus
Centrilobular

Alveoli
Colo-Rectal Lymph Node

Amyloidosis
Thrombus, Organized
Cyst, Epidermal Inclusion
Persistent Cloaca
Postmortem Change
Amyloidosis
Nephrosis, Nos
Congestion, Passive
Necrosis, Focal
Inflammation, Acute Diffuse
Hyperplasia, Nos
Corpus Atreticum
Lipoidosis
Involution, Nos
Amyloidosis
Hyperplasia, Papillary
Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Asbestos, chrysotile(SR)
CAS Number: 12001-29-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:02:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_943

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Heart	Left Atrium Nos	Thrombus, Organized
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Bile Duct	Dilatation, Nos
		Necrosis, Focal
Lung		Inflammation, Interstitial
Ovary		Atrophy, Nos
		Corpus Atreticum
Pancreas		Lipoidosis
Spleen		Amyloidosis
		Hyperplasia, Nos
Thymus		Involution, Nos
Urinary bladder	Submucosa	Edema, Nos
Uterus	Serosa	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****