

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

C Number:	C61234B
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Female

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_021

TRT#: 1
DOSE: 0

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large

Colon
Cecum, Colon
Large Intestine, Colon
Intestinal Villus, Ileum

Fibrosis
Hyperplasia, Epithelial
Inflammation, Chronic
Regeneration, Incomplete
Inflammation, Chronic
Cirrhosis, Portal
Pigmentation, Nos
Hemorrhage
Atrophy, Focal
Inflammation, Chronic
Acanthosis
Hyperkeratosis
Amyloidosis
Hyperplasia, Nos

Intestine Small
Kidney
Liver

Lung
Pancreas
Skeletal muscle
Stomach

Unspecified
Vagina

Multiple Organs Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)
CAS Number: 12001-29-5

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

ANIMAL ID: 1_022

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Glomerulus	Nephrosis, Nos
Lung	Alveoli	Histiocytosis
Lymph node		Hyperplasia, Nos
Ovary		Atrophy, Nos
Pancreas		Lipoidosis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 1_023

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Dilatation, Nos
Bone marrow		Congestion, Nos
Intestine Large	Gastrointestinal Tract	Inflammation, Acute Suppurative
	Gastrointestinal Tract	Postmortem Change
Kidney		Glomerulonephritis, Chronic
Liver		Cirrhosis, Portal
Lung		Congestion, Nos
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Spleen		Hypoplasia, Lymphoid
Stomach	Cardiac Stomach	Hyperkeratosis
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 1_031

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large
Kidney
Liver
Lymph node
Ovary
Spleen
Unspecified

Gastrointestinal Tract
Glomerulus

Multiple Organs Nos

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

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_032

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung	Alveoli	Histiocytosis
Lymph node	Cervical Lymph Node Nos	Hyperplasia, Nos
Ovary		Corpus Atreticum
Pancreas		Lipoidosis
Spleen		Hematopoiesis
		Hypoplasia, Lymphoid
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Fimbria/Fallopian Tube	Cyst, Nos
Vagina		Hyperplasia, Papillary

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_033

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Colon

Intussusception

Kidney

Anus Nos

Persistent Cloaca

Liver

Glomerulus

Nephrosis, Nos

Lymph node

Colo-Rectal Lymph Node

Cirrhosis, Portal

Skin

Circumanal Gland

Hyperplasia, Nos

Spleen

Cardiac Stomach

Inflammation, Nos

Stomach

Thymus

Hypoplasia, Nos

Unspecified

Multiple Organs Nos

Hyperkeratosis

Vagina

Involution, Nos

Amyloidosis

Inflammation, Nos

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 1_041	TRT#: 1 DOSE: 0	SEX: Female DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Intestine Large	Intestinal Tract	Inflammation, Acute/Chronic	
	Intestinal Tract	Postmortem Change	
Kidney	Glomerulus	Amyloidosis	
		Glomerulonephritis, Acute	
Lung		Pneumonia, Interstitial Chronic	
Lymph node		Hyperplasia, Nos	
Ovary		Corpus Atreticum	
Peritoneum		Inflammation, Chronic Focal	
Spleen	Red Pulp	Hematopoiesis	
		Hypoplasia, Nos	
Thyroid	Follicle	Atrophy, Nos	
Urinary bladder		Inflammation, Chronic	
<hr/>			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:52

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

Intestine Small

Jejunum

Inflammation, Acute Diffuse

Ileum, Ileum

Ulcer, Acute

Kidney

Glomerulus

Congestion, Nos

Tubule

Dilatation, Nos

Liver

Centrilobular

Congestion, Nos

Hematopoiesis

Lung

Inflammation, Interstitial

Lymph node

Hyperplasia, Nos

Skin

Scar

Spleen

Red Pulp

Hematopoiesis

Hypoplasia, Lymphoid

Stomach

Ulcer, Acute

Urinary bladder

Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_043

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel
Intestine Large

Colic Artery
Large Intestine, Colon
Large Intestine, Colon
Anus Nos
Intestinal Tract
Glomerulus
Colo-Rectal Lymph Node

Kidney
Lymph node
Ovary

Spleen
Stomach
Unspecified
Uterus

Fundus
Multiple Organs Nos
Serosa
Fimbria/Fallopian Tube
Endometrium

Thrombosis, Nos
Inflammation, Acute
Necrosis, Nos
Persistent Cloaca
Postmortem Change
Nephrosis, Nos
Hyperplasia, Nos
Atrophy, Nos
Corpus Atreticum
Hypoplasia, Nos
Ulcer, Nos
Amyloidosis
Congestion, Nos
Cyst, Multiple
Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_051

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large

Cortex Nos
Anus Nos
Intestinal Tract
Intestinal Tract
Glomerulus

Kidney

Hepatic Lobule

Liver
Lymph node
Pancreas
Spleen

Amyloidosis
Hyperplasia, Nos
Inflammation, Acute
Postmortem Change
Amyloidosis
Glomerulonephritis, Nos
Congestion, Passive
Hyperplasia, Nos
Lipoidosis
Amyloidosis
Hypoplasia, Nos
Involution, Nos
Atrophy, Nos
C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_052

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Large Intestine, Colon

Inflammation, Nos

Colon

Intussusception

Intestine Small

Ileum

Inflammation, Acute Suppurative

Ileum

Postmortem Change

Kidney

Glomerulonephritis, Nos

Liver

Cirrhosis, Portal

Lymph node

Hyperplasia, Nos

Pancreas

Lipoidosis

Spleen

Hypoplasia, Nos

Thymus

Involution, Nos

Thyroid

Follicle

Atrophy, Nos

Unspecified

Multiple Organs Nos

Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 1_053

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large	Colon	Hemorrhage
	Colon	Intussusception
	Colon	Necrosis, Focal
Intestine Small	Jejunum	Postmortem Change
Kidney		Inflammation, Chronic
Liver		Cirrhosis, Portal
Lung		Congestion, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
		Granuloma, Nos
Uterus	Perineum Nos	Hyperplasia, Nos
Vagina	Serosa	Congestion, Nos
		Hyperplasia, Epithelial
		Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_062

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Metaplasia, Osseous
Intestine Large	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung		Postmortem Change
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:52

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

Blood vessel
Intestine Large

Colic Artery
Colon
Colon
Intestinal Tract
Glomerulus

Kidney
Liver
Lymph node
Ovary
Spleen
Thymus
Unspecified
Uterus
Vagina

Multiple Organs Nos
Serosa

Thrombosis, Nos
Intussusception
Necrosis, Nos
Postmortem Change
Nephrosis, Nos
Cirrhosis, Portal
Hyperplasia, Nos
Corpus Atreticum
Hyperplasia, Nos
Involution, Nos
Amyloidosis
Congestion, Nos
Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:10:52
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

Intestine Large	Gastrointestinal Tract	Inflammation, Acute Suppurative
Kidney		Glomerulonephritis, Chronic
Liver		Inflammation, Acute Focal
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 1_081

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Small	Ileum	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Spleen		Hypoplasia, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Urinary bladder		Hyperplasia, Papillary

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:10:52
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

Kidney	Glomerulus
Spleen	
Thymus	
Unspecified	Multiple Organs Nos
	Multiple Organs Nos

Nephrosis, Nos
Hypoplasia, Nos
Involution, Nos
Amyloidosis
Postmortem Change

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_083

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Metaplasia, Osseous
	Left Atrium Nos	Thrombus, Organized
Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Ovary		Atrophy, Nos
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_091

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Acute Focal
Intestine Large	Gastrointestinal Tract	Inflammation, Nos
Kidney		Glomerulonephritis, Chronic
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Skin		Scar
Spleen		Hypoplasia, Nos
Stomach	Cardiac Stomach	Hyperkeratosis
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 1_092

TRT#: 1
DOSE: 0

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Glomerulonephritis, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Salivary gland		Abscess, Nos
Spleen		Hypoplasia, Lymphoid
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 1_093

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

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

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:52

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

Adrenal gland	Cortex Nos	Amyloidosis
	Cortex Nos	Cyst, Nos
Blood vessel	Brachioceph. Artery	Embolism, Nos
Heart	Mitral Valve Nos	Inflammation, Chronic
	Mitral Valve Nos	Thrombosis, Nos
	Left Atrium Nos	Thrombus, Organized
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Centrilobular	Congestion, Passive
	Hepatic Lobule	Cytoplasmic Vacuolization
	Hepatic Lobule	Necrosis, Focal
Lung	Alveoli	Inflammation, Acute Focal
Ovary		Atrophy, Nos
		Corpus Atreticum
Pancreas	Islets	Islet-Cell Adenoma
Skin	Circumanal Gland	Inflammation, Acute
Spleen		Amyloidosis
		Hypoplasia, Nos
Thymus		Involution, Nos
Uterus	Serosa	Congestion, Nos

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 1_102

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Auricular Appendage Nos	Thrombosis, Nos
Intestine Large	Gastrointestinal Tract	Inflammation, Acute Suppurative
	Gastrointestinal Tract	Postmortem Change
Kidney		Glomerulonephritis, Chronic
		Mineralization
Liver		Cirrhosis, Portal
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus		Inflammation, Acute Focal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 1_103

TRT#: 1
DOSE: 0

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Intestine Large	Intestinal Tract	Inflammation, Suppurative
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Fibrosis
Liver	Periportal	Amyloidosis
		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 1_111

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Sternum	Abscess, Nos
Gall bladder		Calculus, Unknown Gross Or Micro
		Edema, Nos
Intestine Large	Gastrointestinal Tract	Inflammation, Acute Suppurative
	Gastrointestinal Tract	Postmortem Change
Kidney		Glomerulonephritis, Chronic
Liver		Cirrhosis, Portal
		Hepatocytomegaly
Lymph node		Hyperplasia, Nos
Spleen		Hypoplasia, Lymphoid
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_112

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel	Colic Artery	Thrombosis, Nos
Heart	Myocardium Nos	Metaplasia, Osseous
Intestine Large	Colon	Intussusception
	Large Intestine, Colon	Necrosis, Nos
	Gastrointestinal Tract	Postmortem Change
	Large Intestine, Colon	Ulcer, Nos
Kidney	Cortex	Adenocarcinoma, Nos
	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung		Congestion, Nos
Lymph node	Cervical Lymph Node Nos	Hyperplasia, Nos
Ovary		Atrophy, Nos
		Corpus Atreticum
Spleen		Hypoplasia, Nos
Stomach	Fundus	Erosion
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Vagina		Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:10:52
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

Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
	Bile Duct	Dilatation, Nos
Lung		Histiocytosis
Pancreas		Lipoidosis
Spleen		Hematopoiesis
		Hypoplasia, Lymphoid
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_121

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Intestinal Tract

Inflammation, Acute

Kidney

Intestinal Tract

Postmortem Change

Liver

Glomerulosclerosis, Nos

Cirrhosis, Portal

Cyst, Nos

Bile Duct

Dilatation, Nos

Lymph node

Hyperplasia, Nos

Spleen

Hypoplasia, Nos

Thymus

Involution, Nos

Thyroid

Follicle

Atrophy, Nos

Unspecified

Multiple Organs Nos

C-Cell Adenoma

Vagina

Amyloidosis

Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:52

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

Intestine Large

Gastrointestinal Tract

Inflammation, Suppurative

Gastrointestinal Tract

Postmortem Change

Kidney

Glomerulonephritis, Chronic

Liver

Bile Duct

Hyperplasia, Nos

Lung

Inflammation, Interstitial

Lymph node

Mesenteric Lymph Node

Edema, Nos

Pancreas

Hyperplasia, Nos

Spleen

Lipoidosis

Unspecified

Multiple Organs Nos

Hypoplasia, Nos

Uterus

Amyloidosis

Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 1_123

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Small
Kidney
Liver

Ileum, Ileum
Glomerulus

Regeneration, Incomplete
Nephrosis, Nos
Cirrhosis, Portal
Inflammation, Acute Suppurative
Necrosis, Focal

Lung
Lymph node
Mammary gland

Colo-Rectal Lymph Node

Inflammation, Interstitial
Hyperplasia, Nos

Ovary
Skin

Lactation
Corpus Atreticum

Spleen
Stomach

Inflammation, Chronic
Hypoplasia, Nos

Thymus

Fundus

Ulcer, Nos

Unspecified

Multiple Organs Nos

Involution, Nos

Vagina

Amyloidosis
Inflammation, Acute Suppurative
Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 1_131

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Congestion, Nos
Intestine Large	Intestinal Tract	Inflammation, Acute
Kidney		Glomerulosclerosis, Nos
		Nephrosis, Hydro
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Thymus		Involution, Nos
Thyroid	Follicle	Atrophy, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 1_132

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large	Intestinal Tract	Inflammation, Acute
	Colon	Intussusception
Intestine Small	Ileum	Postmortem Change
Kidney		Glomerulosclerosis, Nos
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Thyroid	Follicle	Atrophy, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Urinary bladder		Hyperplasia, Papillary

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 1_133

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Spleen		Hematopoiesis
Stomach	Cardiac Stomach	Hyperkeratosis
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
	Multiple Organs Nos	Postmortem Change

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:10:52
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

Adrenal gland		Cortical Adenoma
Blood vessel	Ascending Aorta	Thrombosis, Nos
Heart	Myocardium Nos	Metaplasia, Osseous
	Left Atrium Nos	Thrombus, Organized
Intestine Large	Colon	Adenoma, Nos
	Anus Nos	Persistent Cloaca
	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver	Centrilobular	Congestion, Passive
		Cyst, Nos
	Hepatic Lobule	Necrosis, Focal
Lung	Alveoli	Inflammation, Focal
Lymph node	Cervical Lymph Node Nos	Hyperplasia, Nos
Ovary		Atrophy, Nos
		Corpus Atreticum
Pancreas		Fibrosing Adenosis
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Thyroid	Follicle	Atrophy, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)
CAS Number: 12001-29-5

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

ANIMAL ID: 1_142

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large
Kidney
Liver
Spleen
Thymus
Unspecified

Intestinal Tract
Glomerulus

Multiple Organs Nos

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

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:52

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	Left Atrium Nos	Thrombus, Organized
Intestine Large	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung	Alveoli	Histiocytosis
Ovary		Atrophy, Nos
		Corpus Atreticum
Pancreas		Lipoidosis
Skin	Circumanal Gland	Inflammation, Acute Suppurative
Spleen		Hypoplasia, Nos
Stomach	Cardiac Stomach	Hyperkeratosis
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:10:52
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
Kidney
Liver
Lung
Unspecified
Uterus

Intestinal Tract

Multiple Organs Nos
Serosa

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

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:10:52
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

Heart	Mitral Valve Nos	Inflammation, Chronic
Intestine Large	Gastrointestinal Tract	Inflammation, Nos
	Gastrointestinal Tract	Postmortem Change
Kidney		Glomerulonephritis, Chronic
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node	Colo-Rectal Lymph Node	Hyperplasia, Nos
Salivary gland		Mineralization
Spleen		Hypoplasia, Nos
Stomach	Cardiac Stomach	Hyperkeratosis
Thymus		Congestion, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:52

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

Adrenal gland

Heart

Intestine Large

Kidney

Liver

Lung

Lymph node

Pancreas

Pituitary gland

Spleen

Thymus

Unspecified

Uterus

Left Atrium Nos

Intestinal Tract

Gastrointestinal Tract

Glomerulus

Alveoli

Multiple Organs Nos

Serosa

Endometrium

Cortical Adenoma

Metaplasia, Osseous

Thrombus, Organized

Inflammation, Acute

Postmortem Change

Nephrosis, Nos

Cirrhosis, Portal

Histiocytosis

Hyperplasia, Nos

Lipoidosis

Degeneration, Hyaline

Hyperplasia, Lymphoid

Involution, Nos

Amyloidosis

Congestion, Nos

Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 1_163

TRT#: 1
DOSE: 0

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large

Cecum, Colon
Cecum, Colon

Hemorrhage
Inflammation, Nos
Necrosis, Focal
Hematopoiesis

Liver
Spleen

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 1_171

TRT#: 1
DOSE: 0

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Spleen

Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:10:52
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	Cortex Nos	Amyloidosis
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver		Cyst, Nos
		Necrosis, Focal
Lung		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos
Ovary		Atrophy, Nos
		Corpus Atreticum
Pancreas	Islets	Islet-Cell Adenoma
Spleen		Amyloidosis
		Hypoplasia, Nos
Thymus		Involution, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:10:52
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

Intestine Large
Kidney
Liver
Unspecified

Uterus
Vagina

Intestinal Tract

Multiple Organs Nos
Perineum Nos
Serosa

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

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 1_192

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Cortical Adenoma
Heart	Myocardium Nos	Inflammation, Multifocal
Intestine Large	Intestinal Tract	Postmortem Change
Kidney		Inflammation, Chronic
Liver		Congestion, Nos
Lung		Edema, Nos
	Alveoli	Inflammation, Chronic
Pituitary gland		Adenoma, Nos
Thyroid		Cyst, Follicular Nos
Unspecified	Multiple Organs Nos	Amyloidosis
	Perineum Nos	Hyperkeratosis
	Perineum Nos	Hyperplasia, Nos
Uterus	Serosa	Congestion, Nos
Vagina		Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_193

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
	Cortex Nos	Hyperplasia, Nos
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Anus Nos	Persistent Cloaca
	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Portal Tract	Amyloidosis
		Cirrhosis, Portal
Lung	Alveoli	Histiocytosis
Lymph node	Colo-Rectal Lymph Node	Hyperplasia, Nos
Ovary		Atresia
Skin		Inflammation, Chronic
Thymus		Involution, Nos
Thyroid		Cyst, Colloid
Uterus	Serosa	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:10:52
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

Intestine Large

Colon
Colon
Colon
Intestinal Tract

Hemorrhage
Intussusception
Necrosis, Nos
Postmortem Change
Inflammation, Chronic
Periarteritis
Thrombosis, Nos
Cirrhosis, Portal
Atrophy, Nos
Fibrosis
Acanthosis
Hyperkeratosis
Amyloidosis

Kidney

Liver
Pancreas

Stomach

Unspecified

Multiple Organs Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:10:52
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

Intestine Large

Gastrointestinal Tract
Gastrointestinal Tract

Inflammation, Acute Suppurative
Postmortem Change

Liver

Inflammation, Acute

Lung

Inflammation, Interstitial

Lymph node

Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:10:52
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

Gall bladder		Calculus, Unknown Gross Or Micro
Heart		Endocardiosis
Intestine Large	Gastrointestinal Tract	Inflammation, Hemorrhagic
	Gastrointestinal Tract	Postmortem Change
Kidney		Glomerulonephritis, Chronic
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Edema, Nos
		Hyperplasia, Nos
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:52

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, Nos
Bone	Costochondral Synchronosis	Abscess, Nos
Bone marrow		Congestion, Nos
Heart	Pericardium Nos	Inflammation, Acute
	Myocardium Nos	Inflammation, Focal
Intestine Large	Intestinal Tract	Inflammation, Acute Suppurative
Lung	Pleura Nos	Inflammation, Acute
Lymph node		Hyperplasia, Nos
Peritoneum		Inflammation, Acute
Spleen	Red Pulp	Hematopoiesis
		Hypoplasia, Lymphoid
Thymus		Inflammation, Acute Suppurative
Unspecified	Multiple Organs Nos	Postmortem Change

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 1_222

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Atrium	Endocardiosis
Intestine Large	Gastrointestinal Tract	Thrombus, Organized
	Gastrointestinal Tract	Inflammation, Suppurative
Kidney	Glomerulus	Postmortem Change
		Amyloidosis
Liver	Periportal	Glomerulonephritis, Chronic
		Amyloidosis
Lung		Cirrhosis, Portal
Lymph node		Inflammation, Interstitial
Parathyroid gland		Hyperplasia, Nos
Spleen		Hyperplasia, Nos
		Amyloidosis
Thymus		Hypoplasia, Nos
		Involution, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:10:52
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

Bone marrow		Congestion, Nos
Intestine Large	Gastrointestinal Tract	Inflammation, Acute
	Gastrointestinal Tract	Postmortem Change
Kidney		Degeneration, Hydropic
	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
	Portal Tract	Edema, Nos
Lung		Inflammation, Acute Diffuse
Lymph node		Hyperplasia, Nos
Spleen	Red Pulp	Hyperplasia, Nos
		Hypoplasia, Lymphoid
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 1_231

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Intestine Large	Colon	Abscess, Nos
	Gastrointestinal Tract	Inflammation, Acute
Intestine Small	Mesentery Nos	Steatitis
Kidney		Glomerulonephritis, Acute
Liver	Periportal	Amyloidosis
		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Uterus	Fimbria/Fallopian Tube	Dilatation, Nos
	Endometrium	Hyperplasia, Papillary

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 1_232

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Congestion, Nos
Gall bladder		Cast, Nos
Intestine Large	Gastrointestinal Tract	Inflammation, Acute Suppurative
	Gastrointestinal Tract	Postmortem Change
Kidney		Glomerulonephritis, Chronic
Liver	Periportal	Cirrhosis, Portal
		Edema, Nos
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Spleen	Red Pulp	Hematopoiesis
		Hypoplasia, Lymphoid
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_233

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
	Cortex Nos	Hyperplasia, Nos
Intestine Large	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Portal Tract	Amyloidosis
		Cirrhosis, Portal
	Centrilobular	Congestion, Passive
Lung		Inflammation, Interstitial
Ovary		Atrophy, Nos
		Corpus Atreticum
Thymus		Involution, Nos
Thyroid		C-Cell Adenoma
Uterus	Serosa	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 1_241

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Bone marrow		Congestion, Nos
Intestine Large	Gastrointestinal Tract	Inflammation, Acute
	Colon	Intussusception
	Gastrointestinal Tract	Postmortem Change
Kidney		Glomerulonephritis, Chronic
		Postmortem Change
Liver		Cirrhosis, Portal
		Lymphocytic Inflammatory Infiltrate
	Periportal	Necrosis, Nos
Lymph node		Hyperplasia, Nos
Spleen		Amyloidosis
		Hypoplasia, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 1_242

TRT#: 1
DOSE: 0

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		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Ovary		Corpus Atreticum
Pancreas		Lipoidosis
Spleen		Hypoplasia, Lymphoid
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_243

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow		Congestion, Nos
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Parathyroid gland		Hyperplasia, Nos
Skin		Fibrosis
		Ulcer, Nos
Spleen	Red Pulp	Hyperplasia, Reticulum Cell
		Hypoplasia, Lymphoid
Stomach		Hyperkeratosis
		Hyperplasia, Papillary
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 1_251

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large	Intestinal Tract Colon	Inflammation, Acute Suppurative Intussusception
Kidney		Glomerulonephritis, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Spleen		Hematopoiesis
Unspecified	Multiple Organs Nos	Hypoplasia, Lymphoid Amyloidosis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_252

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Heart		Arteriosclerosis, Nos
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
		Cyst, Nos
Lung	Alveoli	Histiocytosis
Lymph node		Hyperplasia, Nos
Ovary		Atrophy, Nos
		Corpus Atreticum
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Thyroid		Cyst, Colloid
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos
Vagina		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_253

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Large
Kidney

Liver
Lung
Ovary
Pancreas
Salivary gland

Cortex Nos
Left Atrium Nos
Gastrointestinal Tract
Glomerulus
Glomerulus
Centrilobular
Alveoli

Amyloidosis
Thrombus, Organized
Postmortem Change
Amyloidosis
Nephrosis, Nos
Congestion, Passive
Histiocytosis
Atrophy, Nos
Lipoidosis
Inflammation, Acute Diffuse

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:52

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

Bone marrow
Intestine Large

Gastrointestinal Tract
Gastrointestinal Tract
Portal Tract

Liver
Lymph node
Pancreas
Spleen

Congestion, Nos
Inflammation, Suppurative
Postmortem Change
Lymphocytic Inflammatory Infiltrate
Hyperplasia, Nos
Lipoidosis
Hyperplasia, Lymphoid
Postmortem Change
Hemorrhage
Pigmentation, Nos

Stomach

Red Pulp
Fundus
Fundus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_262

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large
Kidney

Cortex Nos
Intestinal Tract
Glomerulus

Amyloidosis
Inflammation, Nos
Amyloidosis

Liver

Glomerulus

Nephrosis, Nos

Lymph node

Portal Tract

Amyloidosis

Pancreas

Bile Duct

Hyperplasia, Nos

Spleen

Hyperplasia, Nos

Thymus

Lipoidosis

Thyroid

Follicle

Amyloidosis

Hypoplasia, Nos

Involution, Nos

Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:52

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	Left Atrium Nos
Intestine Large	Gastrointestinal Tract
Intestine Small	Ileum
Kidney	Glomerulus
	Pelvis
Liver	
Lung	Alveoli
Spleen	
Thyroid	Follicle
Unspecified	Multiple Organs Nos

Thrombosis, Nos
Postmortem Change
Inflammation, Acute
Nephrosis, Nos
Perivasculitis
Cirrhosis, Portal
Inflammation, Acute
Hypoplasia, Nos
Atrophy, Nos
Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_281

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Anus Nos	Fibroma
	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Lymph node	Cervical Lymph Node Nos	Hemorrhage
	Cervical Lymph Node Nos	Hyperplasia, Nos
Ovary		Atresia
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos
		Leiomyoma
Vagina		Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 1_282

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Congestion, Nos
Bone marrow		Congestion, Nos
Intestine Large	Intestinal Tract	Inflammation, Acute
Kidney	Glomerulus	Congestion, Nos
	Tubule	Cyst, Nos
		Glomerulonephritis, Acute
Lung		Necrosis, Medullary
		Congestion, Nos
Lymph node	Cervical Lymph Node Nos	Inflammation, Interstitial
	Colo-Rectal Lymph Node	Hyperplasia, Nodular
Skin		Hyperplasia, Nos
		Scar

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:52

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	Mitral Valve Nos	Inflammation, Proliferative Thrombosis, Nos
	Left Atrium Nos	Thrombus, Organized
Intestine Large	Intestinal Tract	Postmortem Change
Intestine Small	Duodenum	Hyperplasia, Lymphoid
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
	Bile Duct	Dilatation, Nos
Lung	Alveoli	Histiocytosis Inflammation, Granulomatous Focal
Lymph node		Hyperplasia, Nos
Ovary		Corpus Atreticum
Pancreas		Lipoidosis
Skin		Inflammation, Chronic
Unspecified	Multiple Organs Nos	Amyloidosis
Urinary bladder		Hyperplasia, Papillary
Uterus	Serosa	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:52

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

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Blood vessel	Ascending Aorta	Arteriosclerosis, Nos
	Abdominal Aorta	Atherosclerosis
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Cecum, Colon	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung	Alveoli	Histiocytosis
		Inflammation, Granulomatous
Lymph node		Hyperplasia, Nos
Ovary		Atrophy, Nos
		Corpus Atreticum
Salivary gland		Mineralization
Spleen		Hypoplasia, Nos
Stomach	Cardiac Stomach	Ulcer, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos
	Fimbria/Fallopian Tube	Cyst, Multiple
Vagina		Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:10:52
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

Intestine Large
Intestine Small

Intestinal Tract
Jejunum
Ileum, Ileum

Liver

Bile Duct

Lymph node

Mesenteric Lymph Node

Postmortem Change
Inflammation, Nos
Inflammation, Proliferative
Inflammation, Nos
Necrosis, Focal
Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:10:52
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

Heart	Mitral Valve Nos	Inflammation, Proliferative
	Left Atrium Nos	Thrombus, Organized
Intestine Large	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung		Histiocytosis
Ovary		Corpus Atreticum
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Urinary bladder		Hyperplasia, Papillary
Vagina		Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:10:52
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

Adrenal gland	Cortex Nos Zona Reticularis	Amyloidosis Cyst, Nos
Bone marrow		Congestion, Nos
Intestine Small	Ileum	Inflammation, Acute Suppurative
Kidney		Glomerulonephritis, Chronic
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Spleen		Hypoplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 1_302

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Heart	Atrium	Thrombus, Organized
Intestine Large	Gastrointestinal Tract	Inflammation, Nos
	Gastrointestinal Tract	Postmortem Change
Kidney	Glomerulus	Amyloidosis
		Glomerulonephritis, Chronic
Liver	Portal Tract	Amyloidosis
		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Thymus		Involution, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 1_303

TRT#: 1
DOSE: 0

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Glomerulus	Nephrosis, Nos
Liver	Bile Duct	Hyperplasia, Nos
Skin		Inflammation, Nos
Stomach		Erosion
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:10:52
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

Gall bladder		Hyperplasia, Epithelial
Heart		Arteriosclerosis, Nos
Intestine Large	Gastrointestinal Tract	Inflammation, Suppurative
	Colon	Intussusception
	Gastrointestinal Tract	Postmortem Change
Kidney	Glomerulus	Amyloidosis
		Glomerulonephritis, Chronic
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Spleen		Hypoplasia, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Urinary bladder		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:10:52
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

Adrenal gland
Liver
Unspecified

Periportal
Multiple Organs Nos

Amyloidosis
Amyloidosis
Postmortem Change

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 1_313

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart		Atrophy, Nos
		Fibrosis, Focal
Intestine Large	Colon	Hemorrhage
	Colon	Intussusception
	Colon	Necrosis, Focal
	Intestinal Tract	Postmortem Change
Kidney		Inflammation, Chronic
Lung		Edema, Nos
Pancreas		Atrophy, Focal
Unspecified	Multiple Organs Nos	Amyloidosis
	Perineum Nos	Hyperplasia, Nos
Uterus	Serosa	Congestion, Nos
Vagina		Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 1_321

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large	Cecum, Colon	Inflammation, Nos
Intestine Small	Ileum	Inflammation, Acute Suppurative
	Ileum	Postmortem Change
Kidney		Glomerulonephritis, Nos
Liver		Inflammation, Acute
	Periportal	Phagocytic Cell
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Spleen		Hypoplasia, Lymphoid
Thyroid	Follicle	Atrophy, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 1_322

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large

Gastrointestinal Tract
Gastrointestinal Tract

Inflammation, Acute Suppurative
Postmortem Change

Kidney

Glomerulonephritis, Acute

Liver

Hepatic Sinusoid
Periportal

Congestion, Nos
Congestion, Nos

Lung

Congestion, Nos

Lymph node

Hyperplasia, Nos

Pancreas

Lipoidosis

Spleen

Hematopoiesis

Vagina

Hyperplasia, Lymphoid
Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 1_323

TRT#: 1
DOSE: 0

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Blood vessel	Aorta Nos	Arteriosclerosis, Nos
	Aorta Nos	Mineralization
Bone	Sternum	Osteoarthropathy, Hypertrophic, Nos
Esophagus		Hyperkeratosis
Intestine Large	Anus Nos	Hyperkeratosis
	Colon	Inflammation, Chronic
	Anus Nos	Persistent Cloaca
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
	Bile Duct	Dilatation, Nos
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Ovary		Atrophy, Nos
		Corpus Atreticum
Pancreas	Islets	Islet-Cell Adenoma
Skin		Inflammation, Chronic
Spleen		Hypoplasia, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos
	Fimbria/Fallopian Tube	Cyst, Multiple
Vagina		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_331

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
		Cyst, Multiple
Lung	Alveoli	Histiocytosis
		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Ovary		Corpus Atreticum
Parathyroid gland		Adenoma, Nos
Skin		Inflammation, Chronic
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Vagina		Inflammation, Acute Suppurative
		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:10:52
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

Heart	Myocardium Nos	Inflammation, Chronic Focal
Intestine Large	Intestinal Tract	Postmortem Change
Kidney		Inflammation, Chronic
Liver		Cirrhosis, Portal
Lung		Congestion, Nos
Lymph node	Mesenteric Lymph Node	Histiocytosis
Pancreas		Atrophy, Focal
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos
Vagina		Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_333

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Anus Nos	Cyst, Epidermal Inclusion
	Anus Nos	Persistent Cloaca
	Gastrointestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
	Bile Duct	Dilatation, Nos
Lymph node		Hyperplasia, Nos
Ovary		Atrophy, Nos
		Corpus Atreticum
Pancreas		Lipoidosis
Skin		Inflammation, Chronic
Spleen		Hypoplasia, Lymphoid
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 1_361

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos
Kidney	Glomerulus
Liver	Portal Tract
	Bile Duct
Lung	
Spleen	
Unspecified	Multiple Organs Nos

Amyloidosis
Nephrosis, Nos
Amyloidosis
Hyperplasia, Nos
Hemorrhage
Amyloidosis
Postmortem Change

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 1_362

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large

Kidney

Liver
Lung

Lymph node
Ovary
Pancreas
Spleen

Cortex Nos
Anus Nos
Cecum, Colon
Glomerulus
Glomerulus
Centrilobular
Alveoli
Bronchus

Amyloidosis
Persistent Cloaca
Postmortem Change
Amyloidosis
Nephrosis, Nos
Congestion, Passive
Inflammation, Acute Suppurative
Inflammation, Acute Suppurative
Hyperplasia, Nos
Atresia
Lipoidosis
Hypoplasia, Lymphoid

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 1_363

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
	Cortex Nos	Hyperplasia, Nos
Blood vessel	Ascending Aorta	Atherosclerosis
Intestine Large	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Lung	Alveoli	Histiocytosis
Ovary		Atrophy, Nos
		Corpus Atreticum
Pancreas		Lipoidosis
Stomach	Cardiac Stomach	Hyperkeratosis
Thymus		Involution, Nos
Uterus	Serosa	Congestion, Nos
Vagina		Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 1_371

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large

Cecum, Colon
Gastrointestinal Tract
Glomerulus

Abscess, Nos
Inflammation, Nos
Nephrosis, Nos
Amyloidosis
Hemorrhage
Postmortem Change

Kidney

Liver

Lung

Unspecified

Multiple Organs Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 1_372

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Gall bladder
Intestine Small

Jejunum
Peyers Patch
Tubule

Kidney
Lung
Lymph node
Spleen

Verruca
Abscess, Nos
Hyperplasia, Nos
Degeneration, Hydropic
Inflammation, Interstitial
Hyperplasia, Nos
Hypoplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 1_373	TRT#: 1 DOSE: 0	SEX: Female DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Gall bladder		Calculus, Unknown Gross Or Micro Hyperplasia, Epithelial	
Heart	Left Atrium Nos	Thrombosis, Nos	
Intestine Large	Gastrointestinal Tract Cecum, Colon Gastrointestinal Tract	Inflammation, Acute Suppurative Inflammation, Chronic Postmortem Change	
Kidney		Glomerulonephritis, Chronic Perivasculitis	
Lung		Congestion, Nos Inflammation, Interstitial	
Lymph node		Hyperplasia, Nos	
Pancreas		Lipoidosis	
Thymus		Involution, Nos	
Thyroid		Atrophy, Focal	
Unspecified	Multiple Organs Nos	Amyloidosis	
Uterus	Endometrium Endometrium	Hyperplasia, Cystic Inflammation, Acute	
Vagina		Inflammation, Acute Focal Metaplasia, Squamous	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 1_391

TRT#: 1
DOSE: 0

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	Cervical Lymph Node Nos	Abscess, Nos
	Colo-Rectal Lymph Node	Hyperplasia, Nos
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
		Pigmentation, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:10:52
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

Intestine Small	Duodenum	Inflammation, Chronic
Kidney		Inflammation, Chronic
Liver		Cirrhosis, Portal
		Degeneration, Nos
	Centrilobular	Necrosis, Nos
Lung		Alveolar Macrophages
		Inflammation, Chronic
		Metaplasia, Osseous
Stomach		Acanthosis
		Hyperkeratosis
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos
Vagina		Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 1_411

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Large

Kidney
Liver
Lymph node
Spleen
Unspecified

Gastrointestinal Tract
Gastrointestinal Tract

Bile Duct

Multiple Organs Nos

Cortical Adenoma
Endocardiosis
Inflammation, Suppurative
Postmortem Change
Glomerulonephritis, Chronic
Hyperplasia, Nos
Hyperplasia, Nos
Hypoplasia, Nos
Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_412

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
	Cortex Nos	Hyperplasia, Focal
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Anus Nos	Acanthosis
	Anus Nos	Hyperkeratosis
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Portal Tract	Amyloidosis
		Cirrhosis, Portal
		Cyst, Nos
Lung		Histiocytosis
Lymph node		Hyperplasia, Nos
Ovary		Corpus Atreticum
Pancreas		Lipoidosis
Spleen		Hematopoiesis
Thymus		Involution, Nos
Urinary bladder		Hyperplasia, Papillary
Uterus	Serosa	Congestion, Nos
	Endometrium	Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_413

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

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

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 1_421

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large	Gastrointestinal Tract	Inflammation, Proliferative
	Gastrointestinal Tract	Postmortem Change
Kidney		Glomerulonephritis, Chronic
Liver		Cirrhosis, Portal
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Parathyroid gland		Hyperplasia, Nos
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 1_422

TRT#: 1
DOSE: 0

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large
Kidney
Liver
Lymph node
Spleen

Cortex Nos
Intestinal Tract

Bile Duct

Unspecified

Multiple Organs Nos

Congestion, Nos
Hyperplasia, Lymphoid
Glomerulonephritis, Chronic
Hyperplasia, Nos
Hyperplasia, Nos
Congestion, Nos
Hypoplasia, Nos
Amyloidosis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:10:52
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

Gall bladder		Retention Of Content
Heart	Left Atrium Nos	Thrombus, Organized
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
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	Serosa	Congestion, Nos
	Fimbria/Fallopian Tube	Cyst, Multiple
	Endometrium	Hyperplasia, Nos
Vagina		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_441

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

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

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_442

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Brain		Congestion, Nos
Heart		Endocardiosis
	Myocardium Nos	Mineralization
Intestine Large	Intestinal Tract	Inflammation, Suppurative
	Gastrointestinal Tract	Postmortem Change
	Cecum, Colon	Ulcer, Nos
Kidney	Glomerulus	Amyloidosis
		Glomerulonephritis, Chronic
Liver	Periportal	Amyloidosis
	Bile Duct	Hyperplasia, Nos
		Inflammation, Focal
		Necrosis, Coagulative
Lung		Inflammation, Acute Diffuse
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Skin		Scar
Spleen	Red Pulp	Congestion, Nos
		Hematopoiesis
		Hyperplasia, Lymphoid
Stomach	Fundus	Inflammation, Acute
	Fundus	Ulcer, Nos
Thymus		Involution, Nos
Vagina		Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 1_443

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart		Dilatation, Nos
Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung	Alveoli	Histiocytosis
Lymph node	Cervical Lymph Node Nos	Hyperplasia, Nos
Pancreas		Lipoidosis
Skin		Inflammation, Chronic
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos
Vagina		Hyperplasia, Papillary

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_451

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Left Ventricle Nos	Thrombosis, Nos
	Left Atrium Nos	Thrombus, Organized
Intestine Large	Intestinal Tract	Postmortem Change
Intestine Small	Ileum	Inflammation, Acute
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
		Cyst, Nos
Lung	Alveoli	Histiocytosis
Lymph node	Colo-Rectal Lymph Node	Hyperplasia, Nos
Pancreas	Islets	Hyperplasia, Focal
	Islets	Islet-Cell Adenoma
		Lipoidosis
Spleen		Hypoplasia, Nos
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	Hyperkeratosis
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos
	Endometrium	Hyperplasia, Nos
	Endometrium	Inflammation, Acute Suppurative
Vagina		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 1_452

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large
Kidney
Liver
Lung
Unspecified
Uterus

Intestinal Tract

Alveoli
Multiple Organs Nos
Serosa

Postmortem Change
Inflammation, Chronic
Cirrhosis, Portal
Inflammation, Chronic Focal
Amyloidosis
Congestion, Nos
Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 1_453

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Cortex Nos	Congestion, Nos Edema, Nos
Bone marrow		Congestion, Nos
Intestine Large	Gastrointestinal Tract Gastrointestinal Tract	Inflammation, Nos Postmortem Change
Kidney		Glomerulonephritis, Chronic
Liver	Hepatocytes	Cirrhosis, Portal Lipoidosis
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Salivary gland		Abscess, Nos Necrosis, Focal
Skin		Hyperkeratosis
Spleen		Hypoplasia, Lymphoid
Unspecified	Multiple Organs Nos	Amyloidosis Granuloma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 1_461

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Esophagus		Inflammation, Nos
Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Periportal	Amyloidosis
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos
Pancreas		Postmortem Change

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_462

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Intestine Large

Kidney

Liver

Lymph node

Parathyroid gland

Skin

Spleen

Unspecified

Auricular Appendage Nos

Intestinal Tract

Mesenteric Lymph Node

Multiple Organs Nos

Cortical Adenoma

Thrombus, Organized

Inflammation, Suppurative

Glomerulonephritis, Chronic

Cirrhosis, Portal

Edema, Nos

Hyperplasia, Nos

Hyperplasia, Nos

Scar

Hypoplasia, Nos

Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:52

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

Adrenal gland	Cortex Nos	Amyloidosis
Gall bladder		Retention Of Content
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Cecum, Colon	Inflammation, Nos
Kidney	Glomerulus	Nephrosis, Nos
Liver	Centrilobular	Congestion, Passive
		Cyst, Nos
Lung		Histiocytosis
Lymph node		Hyperplasia, Nos
Ovary		Corpus Atreticum
Pancreas		Lipoidosis
Skin	Circumanal Gland	Inflammation, Nos
Spleen		Amyloidosis
Thymus		Involution, Nos
Thyroid		Amyloidosis
Uterus	Fimbria/Fallopian Tube	Cyst, Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 1_481

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		Glomerulonephritis, Chronic
Liver	Bile Duct	Dilatation, Nos
	Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Spleen	Red Pulp	Hematopoiesis
		Hypoplasia, Lymphoid
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 1_482

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Left Ventricle Nos
Intestine Large	Gastrointestinal Tract
Kidney	Glomerulus
Liver	
Lung	Alveoli
Ovary	
Pancreas	
Spleen	
Unspecified	Multiple Organs Nos

Thrombosis, Nos
Postmortem Change
Nephrosis, Nos
Cirrhosis, Portal
Histiocytosis
Atrophy, Nos
Postmortem Change
Hypoplasia, Nos
Amyloidosis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_483

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Cecum, Colon	Inflammation, Acute Focal
	Gastrointestinal Tract	Postmortem Change
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Portal Tract	Amyloidosis
		Cirrhosis, Portal
	Centrilobular	Congestion, Passive
		Cyst, Nos
	Hepatic Lobule	Necrosis, Focal
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Ovary		Atrophy, Nos
		Corpus Atreticum
Spleen		Congestion, Passive
		Hyperplasia, Lymphoid
Thymus		Involution, Nos
Uterus	Serosa	Congestion, Nos
	Fimbria/Fallopian Tube	Cyst, Multiple
	Endometrium	Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_491

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lymph node		Hyperplasia, Nos
Ovary		Atrophy, Nos
		Corpus Atreticum
Pancreas	Islets	Islet-Cell Adenoma
Spleen		Hypoplasia, Nos
Stomach	Fundus	Erosion
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Fimbria/Fallopian Tube	Cyst, Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 1_492

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow
Intestine Large

Gastrointestinal Tract
Gastrointestinal Tract
Portal Tract

Liver
Lung
Lymph node
Spleen

Congestion, Nos
Inflammation, Acute Suppurative
Postmortem Change
Lymphocytic Inflammatory Infiltrate
Inflammation, Interstitial
Hyperplasia, Nos
Hypoplasia, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_493

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel	Colic Artery	Thrombosis, Nos
Intestine Large	Large Intestine, Colon	Inflammation, Nos
	Colon	Intussusception
	Large Intestine, Colon	Necrosis, Nos
	Gastrointestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
		Cyst, Nos
Lung		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos
	Colo-Rectal Lymph Node	Hypoplasia, Nos
Ovary		Atrophy, Nos
		Corpus Atreticum
Pancreas	Acinus	Cyst, Nos
Spleen		Hypoplasia, Nos
Stomach	Cardiac Stomach	Hyperkeratosis
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos
Vagina		Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:10:52
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

Intestine Large

Gastrointestinal Tract
Colon
Gastrointestinal Tract

Inflammation, Suppurative
Intussusception
Postmortem Change
Glomerulonephritis, Chronic

Kidney

Liver

Bile Duct
Bile Duct

Dilatation, Nos
Hyperplasia, Nos

Lymph node

Pancreas

Spleen

Unspecified

Multiple Organs Nos

Lipoidosis
Hypoplasia, Nos
Amyloidosis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_512

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

Centrilobular
Periportal

Congestion, Nos
Lymphocytic Inflammatory Infiltrate

Lung
Lymph node
Spleen

Inflammation, Interstitial
Hyperplasia, Nos
Congestion, Nos
Hypoplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 1_513

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large	Cecum, Colon	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Ovary		Atrophy, Nos
		Corpus Atreticum
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos
Vagina		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:10:52
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
Intestine Large	Colon	Inflammation, Acute Diffuse
	Colon	Intussusception
Intestine Small	Ileum	Inflammation, Acute Suppurative
Kidney	Tubule	Degeneration, Nos
		Glomerulonephritis, Chronic
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Uterus		Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_542

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large

Cortex Nos
Anus Nos
Gastrointestinal Tract

Congestion, Nos
Cyst, Epidermal Inclusion
Postmortem Change

Intestine Small
Kidney

Ileum

Inflammation, Acute Suppurative
Glomerulonephritis, Chronic
Perivascularitis

Liver

Bile Duct
Periportal

Hyperplasia, Nos
Lymphocytic Inflammatory Infiltrate

Lymph node
Skin

Hyperplasia, Nos
Hyperkeratosis

Spleen
Stomach

Hyperplasia, Nos
Hyperkeratosis

Thymus

Involution, Nos

Unspecified

Multiple Organs Nos

Amyloidosis

Uterus

Serosa

Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:10:52
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
	Cortex Nos	Hyperplasia, Focal
Intestine Large	Large Intestine, Colon	Inflammation, Nos
	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Portal Tract	Amyloidosis
		Cirrhosis, Portal
Lung		Postmortem Change
Lymph node	Colo-Rectal Lymph Node	Hyperplasia, Nos
Thymus		Involution, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_551

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Cecum, Colon

Inflammation, Acute Suppurative

Kidney

Glomerulus

Nephrosis, Nos

Lymph node

Mesenteric Lymph Node

Hyperplasia, Nos

Pancreas

Lipoidosis

Spleen

Hypoplasia, Nos

Thymus

Involution, Nos

Unspecified

Multiple Organs Nos

Amyloidosis

Multiple Organs Nos

Postmortem Change

Uterus

Fimbria/Fallopian Tube

Cyst, Multiple

Endometrium

Hyperplasia, Nos

Vagina

Inflammation, Acute Suppurative

Hyperplasia, Papillary

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 1_552

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis Cortical Adenoma
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Anus Nos	Hyperkeratosis
	Cecum, Colon	Postmortem Change
Intestine Small	Jejunum	Inflammation, Nos
Kidney	Glomerulus	Nephrosis, Nos
Liver	Centrilobular Kupffer Cell	Congestion, Passive Pigmentation, Nos Hyperplasia, Nos
Lymph node		Lactation
Mammary gland		Corpus Atreticum
Ovary		Chromophobe Adenoma
Pituitary gland		Amyloidosis
Spleen		Hypoplasia, Nos
Stomach	Cardiac Stomach Cardiac Stomach	Hyperkeratosis Ulcer, Nos
Thymus		Involution, Nos
Thyroid		Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_553

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Colon

Intussusception

Intestinal Tract

Postmortem Change

Kidney

Glomerulus

Nephrosis, Nos

Liver

Cirrhosis, Portal

Pancreas

Lipoidosis

Salivary gland

Inflammation, Acute/Chronic

Spleen

Hypoplasia, Nos

Unspecified

Multiple Organs Nos

Amyloidosis

Uterus

Endometrium

Hyperplasia, Cystic

Vagina

Inflammation, Acute Vesicular

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_011

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

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

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_012

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, Nos
	Gastrointestinal Tract	Postmortem Change
Kidney	Glomerulus	Amyloidosis
		Glomerulonephritis, Chronic
Liver	Portal Tract	Amyloidosis
		Cirrhosis, Portal
	Bile Duct	Dilatation, Nos
Lung		Inflammation, Acute Diffuse
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:10:52
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

Bone marrow		Hypoplasia, Nos
Intestine Large	Gastrointestinal Tract	Inflammation, Suppurative
	Gastrointestinal Tract	Postmortem Change
Kidney	Glomerulus	Amyloidosis
		Glomerulonephritis, Chronic
Liver	Portal Tract	Amyloidosis
		Cirrhosis, Portal
Lymph node		Hyperplasia, Nos
Spleen		Amyloidosis
		Hypoplasia, Lymphoid

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:10:52
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

Adrenal gland
Intestine Large

Anus Nos
Intestinal Tract
Glomerulus

Kidney
Liver
Lung

Alveoli

Ovary
Spleen
Thymus
Unspecified
Vagina

Multiple Organs Nos

Cortical Adenoma
Persistent Cloaca
Postmortem Change
Nephrosis, Nos
Cirrhosis, Portal
Inflammation, Nos
Metaplasia, Osseous
Corpus Atreticum
Hypoplasia, Nos
Involution, Nos
Amyloidosis
Hyperplasia, Papillary

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:10:52
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

Heart	Left Atrium Nos	Thrombus, Organized
Intestine Small	Ileum	Inflammation, Chronic Suppurative
Liver	Centrilobular	Congestion, Nos
Lung		Edema, Nos
		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Edema, Nos
		Hyperplasia, Nos
Pancreas		Lipoidosis
Skin		Hyperkeratosis
Thymus		Involution, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_023

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Kidney	Glomerulus	Nephrosis, Nos
Liver		Amyloidosis
Lung	Alveoli	Histiocytosis
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Thyroid		Amyloidosis

PRIMARY CAUSE OF DEATH -

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_031

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis Pheochromocytoma
Intestine Large	Anus Nos	Cyst, Epidermal Inclusion
Liver	Centrilobular	Congestion, Passive Cytoplasmic Vacuolization
	Centrilobular	Necrosis, Focal
Lung		Inflammation, Interstitial
Ovary		Atrophy, Nos Corpus Atreticum
Pancreas		Lipoidosis
Skin	Circumanal Gland	Inflammation, Acute Inflammation, Chronic
Thyroid		Cyst, Colloid
Uterus	Endometrium	Hyperplasia, Cystic
Vagina		Metaplasia, Squamous Persistent Cloaca

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_032

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

Lung
Lymph node
Mammary gland
Pancreas
Thymus
Thyroid

Mesenteric Lymph Node

Amyloidosis
Postmortem Change
Amyloidosis
Nephrosis, Nos
Histiocytosis
Hyperplasia, Nos
Lactation
Lipoidosis
Involution, Nos
Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_033

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Ventricle	Thrombus, Organized
Intestine Large	Colon	Inflammation, Acute Suppurative
	Gastrointestinal Tract	Inflammation, Nos
Kidney		Glomerulonephritis, Chronic
		Perivasculitis
Liver	Bile Duct	Hyperplasia, Nos
Lung		Congestion, Nos
		Inflammation, Interstitial
Lymph node		Hyperplasia, Lymphoid
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
	Multiple Organs Nos	Postmortem Change

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_041

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Small	Ileum	Inflammation, Acute Suppurative
Kidney		Glomerulonephritis, Chronic
		Perivascularitis
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_042

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	Gastrointestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung	Alveoli	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

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_043

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver	Portal Tract	Lymphocytic Inflammatory Infiltrate
Lymph node		Hyperplasia, Nos
Spleen	Red Pulp	Hematopoiesis
	Follicles	Hyperplasia, Nos
Urinary bladder		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_061

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Cardiac Valve	Inflammation, Chronic
	Cardiac Valve	Thrombus, Organized
Intestine Large	Gastrointestinal Tract	Inflammation, Acute Suppurative
	Colon	Polyp, Nos
	Gastrointestinal Tract	Postmortem Change
Kidney		Glomerulonephritis, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Lymphoid
Pancreas		Lipoidosis
Skin		Hyperkeratosis
Spleen	Red Pulp	Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_062

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large
Kidney
Liver
Lymph node

Pancreas
Skin
Stomach

Unspecified

Cortex Nos
Gastrointestinal Tract

Mesenteric Lymph Node

Fundus
Fundus
Chest

Amyloidosis
Inflammation, Acute Suppurative
Glomerulonephritis, Chronic
Hepatitis, Toxic
Edema, Nos
Hyperplasia, Nos
Lipoidosis
Verruca
Hemorrhage
Ulcer, Nos
Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:10:52
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
Heart	Left Atrium Nos	Thrombus, Organized
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Lung	Alveoli	Histiocytosis
Ovary		Atrophy, Nos
		Corpus Atreticum
Pancreas		Lipoidosis
Spleen		Amyloidosis
		Hypoplasia, Nos
Thymus		Involution, Nos
Vagina		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_071

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Congestion, Nos
Heart		Endocardiosis
	Auricular Appendage Nos	Thrombosis, Nos
	Left Atrium Nos	Thrombus, Organized
Intestine Large	Gastrointestinal Tract	Inflammation, Nos
	Gastrointestinal Tract	Postmortem Change
Kidney		Glomerulonephritis, Chronic
Liver	Periportal	Lymphocytic Inflammatory Infiltrate
Lymph node	Mesenteric Lymph Node	Edema, Nos
		Hyperplasia, Nos
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Stomach	Cardiac Stomach	Hyperkeratosis
Unspecified		Abscess, Nos
	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:10:52
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

Adrenal gland		Cortical Adenoma
	Cortex Nos	Hyperplasia, Focal
Heart	Left Atrium Nos	Thrombus, Organized
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung		Histiocytosis
Lymph node		Hyperplasia, Nos
Ovary		Corpus Atreticum
Pancreas		Lipoidosis
Parathyroid gland		Hyperplasia, Nos
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Vagina		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_073

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Small	Ileum	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Inflammation, Acute Hemorrhagic
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Ovary		Corpus Atreticum
Pancreas		Lipoidosis
Spleen		Hematopoiesis
Thymus		Involution, Nos
Thyroid	Follicle	Atrophy, Nos
Urinary bladder	Submucosa	Edema, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:52

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

Heart	Left Atrium Nos	Thrombus, Organized
Kidney	Glomerulus	Nephrosis, Nos
Liver	Centrilobular	Congestion, Passive
	Centrilobular	Necrosis, Focal
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Ovary		Atrophy, Nos
		Corpus Atreticum
		Cyst, Multiple
Pancreas		Lipoidosis
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	Hyperkeratosis
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos
	Fimbria/Fallopian Tube	Cyst, Multiple
	Endometrium	Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_082

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Cortical Adenoma
Heart	Left Atrium Nos	Thrombus, Organized
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung	Alveoli	Histiocytosis
Ovary		Corpus Atreticum
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_091

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Heart	Atrium	Thrombus, Organized
Intestine Large	Gastrointestinal Tract	Inflammation, Suppurative
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Parathyroid gland		Hyperplasia, Nos
Spleen		Amyloidosis
		Hypoplasia, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_092

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

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

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:10:53
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

Intestine Large

Gastrointestinal Tract
Gastrointestinal Tract

Inflammation, Acute Suppurative
Postmortem Change

Kidney

Glomerulonephritis, Chronic

Liver

Cirrhosis, Portal

Lymph node

Hyperplasia, Nos

Spleen

Hypoplasia, Lymphoid

Unspecified

Multiple Organs Nos

Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_101

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	Centrilobular	Congestion, Passive
Ovary		Atrophy, Nos
		Corpus Atreticum
Pancreas		Lipoidosis
Thymus		Involution, Nos
Thyroid	Follicle	Atrophy, Nos
Unspecified	Multiple Organs Nos	Postmortem Change
Uterus	Endometrium	Hyperplasia, Nos
Vagina		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:10:53
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

Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Anus Nos	Persistent Cloaca
	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver	Centrilobular	Congestion, Passive
Lung	Alveoli	Histiocytosis
Lymph node		Hyperplasia, Nos
Mammary gland		Lactation
Ovary		Corpus Atreticum
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_103

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hemorrhage
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Intestinal Tract	Inflammation, Acute
	Intestinal 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
Uterus	Endometrium	Inflammation, Acute Suppurative
Vagina		Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_111

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Amyloidosis

Kidney

Glomerulus

Nephrosis, Nos

Liver

Portal Tract

Amyloidosis

Lymph node

Cirrhosis, Portal

Ovary

Hyperplasia, Nos

Pancreas

Corpus Atreticum

Thymus

Lipoidosis

Urinary bladder

Involution, Nos

Vagina

Hyperplasia, Papillary

Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_112

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Small
Kidney
Liver
Lung
Lymph node
Mammary gland
Pancreas
Thymus
Unspecified

Cortex Nos
Left Atrium Nos
Intestinal Villus, Ileum
Glomerulus

Multiple Organs Nos

Hyperplasia, Nos
Thrombus, Organized
Regeneration, Incomplete
Nephrosis, Nos
Cirrhosis, Portal
Histiocytosis
Hyperplasia, Nos
Lactation
Lipoidosis
Involution, Nos
Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_113

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Heart	Mitral Valve Nos	Inflammation, Chronic
Intestine Small	Duodenum	Inflammation, Proliferative
Kidney	Glomerulus	Nephrosis, Nos
Liver	Portal Tract	Amyloidosis
	Bile Duct	Hyperplasia, Nos
Lung		Histiocytosis
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Thymus		Involution, Nos
Thyroid	Follicle	Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_121

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Base Of Heart	Periarteritis
	Left Atrium Nos	Thrombus, Organized
Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Lung		Inflammation, Acute Diffuse
Lymph node	Cervical Lymph Node Nos	Hyperplasia, Nos
Ovary		Corpus Atreticum
Pancreas	Islets	Islet-Cell Adenoma
Skin		Inflammation, Chronic
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Urinary bladder		Hyperplasia, Papillary
Uterus	Serosa	Congestion, Nos
Vagina		Hyperplasia, Papillary
		Inflammation, Vesicular

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_122

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large

Anus Nos
Intestinal Tract
Glomerulus

Persistent Cloaca
Postmortem Change
Nephrosis, Nos
Cirrhosis, Portal
Necrosis, Focal
Inflammation, Interstitial

Kidney
Liver

Lung
Lymph node
Ovary
Spleen
Thyroid
Unspecified
Uterus
Vagina

Cervical Lymph Node Nos

Follicle
Multiple Organs Nos
Serosa

Hyperplasia, Nos
Corpus Atreticum
Hypoplasia, Nos
Atrophy, Nos
Amyloidosis
Congestion, Nos
Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:53

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

Heart	Mitral Valve Nos	Inflammation, Proliferative
	Mitral Valve Nos	Thrombosis, Nos
	Left Atrium Nos	Thrombus, Organized
Intestine Large	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Ovary		Corpus Atreticum
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Vagina		Hyperplasia, Papillary

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:10:53
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

Adrenal gland	Cortex Nos	Amyloidosis
	Cortex Nos	Hyperplasia, Nos
Heart	Atrium	Thrombus, Organized
Intestine Large	Gastrointestinal Tract	Inflammation, Suppurative
	Anus Nos	Persistent Cloaca
	Gastrointestinal Tract	Postmortem Change
Kidney	Glomerulus	Amyloidosis
		Glomerulonephritis, Chronic
Liver	Periportal	Lymphocytic Inflammatory Infiltrate
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Spleen	Red Pulp	Hematopoiesis
		Hypoplasia, Lymphoid
Thymus		Involution, Nos
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_133

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large	Large Intestine, Colon Colon Intestinal Tract	Inflammation, Nos Intussusception Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node	Colo-Rectal Lymph Node	Hyperplasia, Nos
Ovary		Corpus Atreticum
Pancreas		Lipoidosis
Unspecified	Multiple Organs Nos	Amyloidosis
Urinary bladder		Hyperplasia, Papillary
Uterus	Fimbria/Fallopian Tube	Cyst, Nos
Vagina		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:53

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

Intestinal Tract

Inflammation, Suppurative

Gastrointestinal Tract

Postmortem Change

Kidney

Glomerulonephritis, Chronic

Lung

Alveoli

Histiocytosis

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: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:10:53
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

Large Intestine, Colon
Intestinal Tract

Inflammation, Nos
Postmortem Change

Kidney

Nephrosis, Nos

Liver

Cirrhosis, Portal

Lung

Alveoli

Inflammation, Acute Focal

Ovary

Corpus Atreticum

Spleen

Hypoplasia, Nos

Thymus

Involution, Nos

Unspecified

Multiple Organs Nos

Amyloidosis

Uterus

Serosa

Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:10:53
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

Heart	Auricular Appendage Nos	Thrombus, Organized
Intestine Large	Intestinal Tract	Inflammation, Proliferative
Kidney		Glomerulonephritis, Chronic
Liver		Cirrhosis, Portal
	Centrilobular	Congestion, Nos
Lung	Alveoli	Histiocytosis
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Spleen		Hypoplasia, Lymphoid
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:10:53
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

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Heart	Left Atrium Nos	Thrombus, Organized
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
		Cyst, Multiple
	Bile Duct	Dilatation, Nos
Lymph node	Cervical Lymph Node Nos	Hyperplasia, Nos
Ovary		Corpus Atreticum
Pancreas		Lipoidosis
Stomach	Fundus	Erosion
Thyroid	Follicle	Atrophy, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos
	Endometrium	Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_152

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large
Intestine Small
Kidney
Liver

Large Intestine, Colon
Ileum
Glomerulus

Inflammation, Nos
Postmortem Change
Nephrosis, Nos
Abscess, Nos
Cirrhosis, Portal
Cytoplasmic Vacuolization
Hepatocytomegaly
Necrosis, Focal
Hyperplasia, Nos
Hypoplasia, Nos
Involution, Nos
Amyloidosis
Hyperplasia, Papillary
Congestion, Nos

Lymph node
Spleen
Thymus
Unspecified
Urinary bladder
Uterus

Multiple Organs Nos
Serosa

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:53

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
Intestine Large

Cortex Nos
Gastrointestinal Tract
Gastrointestinal Tract

Amyloidosis
Inflammation, Proliferative
Postmortem Change
Glomerulonephritis, Chronic

Kidney
Liver

Periportal
Bile Duct

Amyloidosis
Hyperplasia, Nos
Inflammation, Interstitial
Edema, Nos
Hyperplasia, Lymphoid

Lung
Lymph node

Pancreas
Spleen

Red Pulp
Follicles

Lipoidosis
Amyloidosis
Hematopoiesis
Hyperplasia, Nos
Involution, Nos

Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_161

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Intestinal Tract	Postmortem Change
Intestine Small	Ileum	Inflammation, Acute
	Mesentery Nos	Osteoma
Kidney	Glomerulus	Nephrosis, Nos
Liver	Centrilobular	Congestion, Passive
		Cyst, Nos
Lung	Alveoli	Histiocytosis
Lymph node	Colo-Rectal Lymph Node	Hyperplasia, Nos
Ovary		Atrophy, Nos
		Corpus Atreticum
Pancreas		Lipoidosis
Spleen		Hypoplasia, Lymphoid
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos
Vagina		Inflammation, Acute
		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:53

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

Heart	Myocardium Nos
Intestine Large	Cecum, Colon
	Intestinal Tract
Kidney	Glomerulus
Liver	
Lung	
Lymph node	
Ovary	
Pancreas	
Spleen	
Thymus	
Unspecified	Multiple Organs Nos
Uterus	Serosa

Mineralization
Inflammation, Nos
Postmortem Change
Nephrosis, Nos
Cirrhosis, Portal
Histiocytosis
Hyperplasia, Nos
Atresia
Corpus Atreticum
Lipoidosis
Hypoplasia, Nos
Involution, Nos
Amyloidosis
Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_163

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Intestinal Tract

Inflammation, Suppurative

Kidney

Gastrointestinal Tract

Postmortem Change

Liver

Glomerulonephritis, Chronic

Lymph node

Cirrhosis, Portal

Pancreas

Hyperplasia, Nos

Parathyroid gland

Lipoidosis

Spleen

Hyperplasia, Nos

Unspecified

Multiple Organs Nos

Hypoplasia, Lymphoid

Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:10:53
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

Adrenal gland		Postmortem Change
Brain		Postmortem Change
Intestine Large	Colon	Inflammation, Nos
	Colon	Postmortem Change
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Periportal	Amyloidosis
	Bile Duct	Inflammation, Nos
Lung		Hyperplasia, Granulocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_172

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Large

Cortex Nos
Left Atrium Nos
Cecum, Colon
Colon
Anus Nos
Bile Duct

Liver
Lung
Lymph node
Ovary

Pancreas
Spleen
Thymus
Thyroid
Uterus
Vagina

Endometrium

Amyloidosis
Thrombus, Organized
Inflammation, Acute Suppurative
Inflammation, Focal
Persistent Cloaca
Dilatation, Nos
Histiocytosis
Hyperplasia, Nos
Atresia
Corpus Atreticum
Lipoidosis
Hematopoiesis
Involution, Nos
Amyloidosis
Inflammation, Acute Suppurative
Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_173

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Amyloidosis

Cortex Nos

Hyperplasia, Nos

Heart

Left Atrium Nos

Thrombus, Organized

Intestine Large

Intestinal Tract

Postmortem Change

Kidney

Glomerulus

Amyloidosis

Glomerulus

Nephrosis, Nos

Lung

Alveoli

Histiocytosis

Ovary

Atrophy, Nos

Corpus Atreticum

Pancreas

Lipoidosis

Spleen

Amyloidosis

Hypoplasia, Nos

Thyroid

Hyperplasia, C Cell

Uterus

Serosa

Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_181

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large	Rectum	Inflammation, Nos
	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Ovary		Atresia
Spleen		Hypoplasia, Nos
Stomach	Fundus	Ulcer, Nos
Thymus		Involution, Nos
Unspecified		Abscess, Nos
	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos
	Endometrium	Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)
CAS Number: 12001-29-5

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

ANIMAL ID: 2_182

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart
Intestine Large

Cardiac Valve
Gastrointestinal Tract
Gastrointestinal Tract

Lung
Lymph node
Pancreas

Mesenteric Lymph Node

Thrombosis, Nos
Inflammation, Acute Suppurative
Postmortem Change
Inflammation, Interstitial
Hyperplasia, Nos
Metamorphosis, Fatty

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_183

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
		Cyst, Nos
Lung	Alveoli	Inflammation, Acute
Lymph node		Hyperplasia, Nos
Ovary		Atrophy, Nos
		Corpus Atreticum
Pancreas		Lipoidosis
Pituitary gland		Degeneration, Hyaline
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Endometrium	Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_191

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone	Thoracic Vertebra Nos	Sarcoma, Nos
Bone marrow		Congestion, Nos
Intestine Small	Jejunum	Inflammation, Focal
Liver		Inflammation, Acute
Lung	Alveoli	Inflammation, Acute Focal
Lymph node		Hyperplasia, Nos
Spleen		Hyperplasia, Nos
Urinary bladder		Calculus, Unknown Gross Or Micro
		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:10:53
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

Intestine Large Kidney	Gastrointestinal Tract	Inflammation, Focal Glomerulonephritis, Chronic Perivascularitis
Liver	Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Edema, Nos Hyperplasia, Lymphoid
Pancreas		Lipoidosis
Parathyroid gland		Hyperplasia, Nos
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_193

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	Persistent Cloaca
Liver	Centrilobular	Congestion, Passive
		Cytoplasmic Vacuolization
Lung	Alveoli	Histiocytosis
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos
Ovary		Atrophy, Nos
Pancreas		Lipoidosis
Skin	Circumanal Gland	Inflammation, Acute Suppurative
Thymus		Involution, Nos
Uterus	Fimbria/Fallopian Tube	Cyst, Multiple
	Endometrium	Inflammation, Acute Suppurative
Vagina		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:10:53
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

Intestine Large	Intestinal Tract	Inflammation, Acute Diffuse
Kidney		Glomerulonephritis, Acute
	Glomerulus	Nephrosis, Nos
Liver		Necrosis, Focal
Lung		Congestion, Nos
		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Spleen	Red Pulp	Hematopoiesis
		Hypoplasia, Lymphoid

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_202

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Congestion, Nos
Intestine Large	Intestinal Tract	Inflammation, Acute Diffuse
	Intestinal Tract	Postmortem Change
Kidney	Tubule	Degeneration, Cystic
		Glomerulonephritis, Acute
Liver	Periportal	Lymphocytic Inflammatory Infiltrate
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Spleen	Red Pulp	Hematopoiesis
	Follicles	Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_203

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large
Kidney
Lung
Lymph node
Ovary

Cecum, Colon
Glomerulus
Alveoli

Postmortem Change
Amyloidosis
Histiocytosis
Hyperplasia, Nos
Atrophy, Nos
Corpus Atreticum
Cyst, Nos
Lipoidosis
Inflammation, Chronic
Amyloidosis
Cyst, Multiple

Pancreas
Skin
Thyroid
Uterus

Fimbria/Fallopian Tube

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_211

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Large

Intestine Small
Kidney

Liver

Lung
Lymph node
Ovary
Pancreas
Thymus
Thyroid

Cortex Nos
Left Atrium Nos
Cecum, Colon
Large Intestine, Colon
Ileum
Glomerulus
Glomerulus
Portal Tract

Amyloidosis
Thrombus, Organized
Abscess, Nos
Inflammation, Nos
Postmortem Change
Amyloidosis
Nephrosis, Nos
Amyloidosis
Cirrhosis, Portal
Inflammation, Interstitial
Hyperplasia, Nos
Atresia
Lipoidosis
Involution, Nos
Cyst, Colloid

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:53

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	Cortex Nos	Amyloidosis
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Anus Nos	Persistent Cloaca
	Cecum, Colon	Postmortem Change
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver		Hemorrhage
		Necrosis, Nos
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Skin	Circumanal Gland	Inflammation, Acute
Thymus		Involution, Nos
Uterus	Endometrium	Hyperplasia, Nos
Vagina		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_213

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Bone marrow		Congestion, Nos
Intestine Small	Ileum	Inflammation, Chronic
Kidney	Glomerulus	Amyloidosis
		Glomerulonephritis, Chronic
		Mineralization
Liver	Periportal	Amyloidosis
		Cirrhosis, Portal
Lymph node	Mesenteric Lymph Node	Edema, Nos
		Hyperplasia, Nos
Spleen		Hypoplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_231

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	Colon	Abscess, Nos
	Intestinal Tract	Postmortem Change
	Large Intestine, Colon	Ulcer, Nos
Liver	Portal Tract	Amyloidosis
		Cirrhosis, Portal
		Inflammation, Acute Hemorrhagic
Lung		Histiocytosis
Lymph node	Colo-Rectal Lymph Node	Hyperplasia, Nos
Ovary		Corpus Atreticum
Pancreas		Lipoidosis
Thymus		Involution, Nos
Urinary bladder		Hyperplasia, Papillary
Uterus	Serosa	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:53

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

Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung		Histiocytosis
Lymph node		Hyperplasia, Nos
Ovary		Atresia
Pancreas		Lipoidosis
Spleen		Hypoplasia, Lymphoid
Stomach	Cardiac Stomach	Hyperkeratosis
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Endometrium	Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_233

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, Acute Suppurative
	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung	Alveoli	Inflammation, Acute Diffuse
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:10:53
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

Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Cecum, Colon	Abscess, Nos
	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung	Alveoli	Inflammation, Acute
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Urinary bladder		Hyperplasia, Papillary
Vagina		Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:53

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	Cortex Nos	Amyloidosis
Heart	Left Atrium Nos	Thrombus, Organized
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Portal Tract	Amyloidosis
		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Pancreas	Islets	Islet-Cell Adenoma
		Lipoidosis
Stomach	Fundus	Erosion
	Cardiac Stomach	Hyperkeratosis
	Fundus	Ulcer, Nos
Urinary bladder		Hyperplasia, Papillary

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_243

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Mitral Valve Nos	Inflammation, Proliferative
	Mitral Valve Nos	Thrombus, Organized
Intestine Large	Colon	Inflammation, Suppurative
Kidney		Glomerulonephritis, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Lymphoid
Pancreas		Lipoidosis
Pituitary gland		Hyperplasia, Nos
Skin		Inflammation, Chronic Focal
Spleen	Red Pulp	Hematopoiesis
		Hypoplasia, Lymphoid
Stomach	Cardiac Stomach	Hyperkeratosis
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_251

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Bone marrow		Aplasia, Hematopoietic
Intestine Large	Anus Nos	Inflammation, Necrotizing
	Intestinal Tract	Postmortem Change
Ovary		Corpus Atreticum
Thymus		Involution, Nos
Thyroid	Follicle	Atrophy, Nos
Unspecified	Multiple Organs Nos	Postmortem Change
Vagina		Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_252

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Aplasia, Hematopoietic
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Spleen		Hypoplasia, Lymphoid
Unspecified	Multiple Organs Nos	Amyloidosis
	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:10:53
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

Intestine Large

Gastrointestinal Tract

Inflammation, Suppurative

Liver

Gastrointestinal Tract

Postmortem Change

Lung

Angiectasis

Lymph node

Congestion, Nos

Pancreas

Inflammation, Interstitial

Spleen

Hyperplasia, Nos

Urinary bladder

Lipoidosis

Amyloidosis

Hypoplasia, Lymphoid

Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:10:53
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

Intestine Large	Colon	Abscess, Nos
	Gastrointestinal Tract	Inflammation, Acute Suppurative
	Gastrointestinal Tract	Postmortem Change
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Periportal	Amyloidosis
		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_262

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis Cortical Adenoma
Heart	Left Atrium Nos	Thrombosis, Nos
Intestine Large	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Amyloidosis
Liver	Centrilobular	Congestion, Passive
Lung		Cyst, Nos
	Alveoli	Histiocytosis
Lymph node		Hyperplasia, Nos
Mammary gland		Lactation
Ovary		Atrophy, Nos
		Corpus Atreticum
Pancreas	Islets	Islet-Cell Adenoma
		Lipoidosis
Thymus		Involution, Nos
Thyroid	Follicle	Atrophy, Nos
		Cyst, Colloid
Uterus	Serosa	Congestion, Nos
Vagina		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_263

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Congestion, Nos
Kidney	Glomerulus	Atrophy, Nos
		Congestion, Nos
Liver	Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_271

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

Pituitary gland

Skin

Spleen

Stomach

Atrium

Intestinal Tract

Gastrointestinal Tract

Portal Tract

Follicles

Red Pulp

Cardiac Stomach

Cardiac Stomach

Cortical Adenoma

Endocardiosis

Thrombus, Organized

Inflammation, Suppurative

Postmortem Change

Glomerulonephritis, Acute

Amyloidosis

Inflammation, Interstitial

Hyperplasia, Nos

Chromophobe Carcinoma

Inflammation, Chronic Focal

Amyloidosis

Hyperplasia, Nos

Hypoplasia, Nos

Hyperkeratosis

Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_272

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
	Cortex Nos	Cyst, Nos
Heart	Left Atrium Nos	Thrombus, Organized
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Portal Tract	Amyloidosis
		Cirrhosis, Portal
		Cyst, Multiple
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Ovary		Corpus Atreticum
Pancreas		Lipoidosis
Thymus		Involution, Nos
Uterus	Serosa	Congestion, Nos
	Endometrium	Inflammation, Acute Suppurative
Vagina		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:10:53
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

Adrenal gland	Cortex Nos	Amyloidosis
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Portal Tract	Amyloidosis
		Cirrhosis, Portal
Lung	Alveoli	Histiocytosis
Lymph node	Cervical Lymph Node Nos	Hyperplasia, Nos
Pancreas		Lipoidosis
Thymus		Involution, Nos
Uterus	Serosa	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_291

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large
Intestine Small

Intestinal Tract
Ileum
Ileum

Postmortem Change
Congestion, Nos
Hemorrhage

Kidney

Liver

Lung

Centrilobular

Inflammation, Nos
Necrosis, Hemorrhagic
Alveolar Macrophages
Congestion, Nos

Lymph node

Colo-Rectal Lymph Node
Mesenteric Lymph Node

Inflammation, Chronic
Inflammation, Chronic
Inflammation, Chronic Suppurative

Pancreas

Stomach

Hemorrhage

Unspecified

Uterus

Vagina

Multiple Organs Nos
Endometrium

Acanthosis
Hyperkeratosis
Amyloidosis
Hyperplasia, Cystic
Hyperplasia, Nos
Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_292

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Auricular Appendage Nos	Thrombus, Organized
Intestine Large	Gastrointestinal Tract	Inflammation, Nos
	Gastrointestinal Tract	Postmortem Change
Kidney		Glomerulonephritis, Subacute
Liver		Cirrhosis, Portal
Lung	Alveoli	Histiocytosis
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Spleen	Red Pulp	Hyperplasia, Hematopoietic
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:10:53
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

Adrenal gland	Cortex Nos	Amyloidosis
	Cortex Nos	Hyperplasia, Focal
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Centrilobular	Congestion, Passive
	Centrilobular	Hepatocytomegaly
	Centrilobular	Necrosis, Focal
Lung	Alveoli	Histiocytosis
Ovary		Atrophy, Nos
		Corpus Atreticum
Pancreas		Lipoidosis
Skin		Inflammation, Chronic
Thymus		Involution, Nos
Vagina		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_301

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, Focal
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Thyroid		Cyst, Colloid
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_302

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large
Liver
Spleen
Stomach

Colon

Inflammation, Nos
Necrosis, Focal
Hematopoiesis
Postmortem Change

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:10:53
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
Heart
Intestine Small
Liver

Lung
Lymph node
Ovary
Pancreas
Thymus

Cortex Nos
Left Atrium Nos
Jejunum

Amyloidosis
Thrombus, Organized
Postmortem Change
Inflammation, Acute
Necrosis, Focal
Histiocytosis
Hyperplasia, Nos
Corpus Atreticum
Lipoidosis
Involution, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:53

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

Intestine Large

Large Intestine, Colon

Inflammation, Nos

Intestine Small

Ileum

Regeneration, Incomplete

Kidney

Glomerulus

Nephrosis, Nos

Liver

Cirrhosis, Portal

Lung

Inflammation, Interstitial

Lymph node

Hyperplasia, Nos

Pancreas

Lipoidosis

Spleen

Hypoplasia, Nos

Thymus

Involution, Nos

Unspecified

Multiple Organs Nos

Amyloidosis

Vagina

Hyperkeratosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:10:53
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

Gall bladder
Intestine Large

Gastrointestinal Tract
Gastrointestinal Tract

Kidney
Liver
Lung

Centrilobular

Lymph node

Edema, Nos
Inflammation, Suppurative
Postmortem Change
Glomerulonephritis, Acute
Congestion, Nos
Inflammation, Acute Diffuse
Inflammation, Interstitial
Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:10:53
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

Heart	Tricuspid Valve Nos Left Side Of Heart	Sclerosis Thrombus, Organized
Kidney		Glomerulonephritis, Chronic Perivascularitis
Liver	Bile Duct	Hyperplasia, Nos Lymphocytic Inflammatory Infiltrate
Lymph node	Mesenteric Lymph Node Colo-Rectal Lymph Node	Hyperplasia, Lymphoid Hyperplasia, Nos
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:10:53
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

Blood vessel
Intestine Large

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

Kidney
Liver
Ovary

Spleen
Unspecified

Multiple Organs Nos

Thrombosis, Nos
Cyst, Epidermal Inclusion
Inflammation, Nos
Necrosis, Nos
Persistent Cloaca
Nephrosis, Nos
Cirrhosis, Portal
Atrophy, Nos
Corpus Atreticum
Hypoplasia, Nos
Amyloidosis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_332

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Intestine Small	Jejunum	Inflammation, Suppurative
Kidney	Glomerulus	Amyloidosis
		Glomerulonephritis, Chronic
Liver	Portal Tract	Amyloidosis
		Cirrhosis, Portal
		Inflammation, Acute
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_333

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large	Large Intestine, Colon Colon Anus Nos Intestinal Tract	Inflammation, Nos Intussusception Persistent Cloaca Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Ovary		Atresia
Spleen		Hypoplasia, Lymphoid
Stomach	Cardiac Stomach	Hyperkeratosis
Thymus		Involution, Nos
Unspecified		Abscess, Nos
	Multiple Organs Nos	Amyloidosis
Uterus	Serosa Endometrium	Congestion, Nos Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_341

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large

Submucosa, Colon
Colon
Colon
Intestinal Tract

Hemorrhage
Inflammation, Nos
Intussusception
Postmortem Change

Kidney

Colon

Prolapse

Stomach

Glomerulus

Nephrosis, Nos

Unspecified

Cardiac Stomach

Hyperkeratosis

Multiple Organs Nos

Amyloidosis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_342

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large	Colon	Inflammation, Hemorrhagic
	Rectum	Inflammation, Nos
	Colon	Intussusception
	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	Hyperkeratosis
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:10:53
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

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Gall bladder		Calculus, Unknown Gross Or Micro
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Necrosis, Focal
Lung		Histiocytosis
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos
Ovary		Corpus Atreticum
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:53

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

Heart	Left Atrium Nos	Thrombus, Organized
Kidney	Glomerulus	Nephrosis, Nos
Liver	Hepatic Lobule	Necrosis, Focal
Lung		Histiocytosis
Lymph node	Colo-Rectal Lymph Node	Hyperplasia, Nos
Ovary		Corpus Atreticum
Pancreas		Lipoidosis
Spleen		Hematopoiesis
		Hypoplasia, Lymphoid
Thymus		Involution, Nos
Thyroid		Cyst, Colloid

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_352

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Esophagus		Ulcer, Acute
Intestine Large	Gastrointestinal Tract	Inflammation, Acute Suppurative
Kidney	Glomerulus	Congestion, Nos
Liver	Centrilobular	Congestion, Nos
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Lymphoid
	Cervical Lymph Node Nos	Hyperplasia, Nos
		Phagocytic Cell
Pancreas		Inflammation, Acute/Chronic
Peritoneum		Inflammation, Nos
Skin		Edema, Nos
		Inflammation, Acute
		Ulcer, Nos
Spleen		Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:10:53
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

Intestine Large
Kidney
Lung

Colon
Glomerulus

Intussusception
Nephrosis, Nos
Congestion, Nos
Edema, Nos

Stomach

Cardiac Stomach

Hyperkeratosis
Ulcer, Nos

Unspecified

Multiple Organs Nos
Multiple Organs Nos

Amyloidosis
Postmortem Change

Uterus

Endometrium

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_372

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Large
Intestine Small
Kidney
Liver

Lung
Lymph node

Pancreas
Salivary gland
Thymus
Urinary bladder

Cortex Nos
Myocardium Nos
Cecum, Colon
Ileum
Glomerulus

Alveoli
Mesenteric Lymph Node
Colo-Rectal Lymph Node

Amyloidosis
Inflammation, Acute Focal
Hyperplasia, Nos
Inflammation, Proliferative
Nephrosis, Nos
Congestion, Passive
Inflammation, Acute
Inflammation, Acute Diffuse
Edema, Nos
Hyperplasia, Nos
Lymphoma, Histiocytic-Malignant Type
Lipoidosis
Inflammation, Acute
Involution, Nos
Hyperplasia, Papillary

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:10:53
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

Blood vessel	Ascending Aorta	Thrombosis, Nos
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Intestinal Tract	Inflammation, Acute Suppurative
	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Portal Tract	Amyloidosis
	Centrilobular	Cirrhosis, Portal
		Congestion, Passive
		Cyst, Multiple
	Centrilobular	Necrosis, Focal
Lung		Inflammation, Interstitial
Lymph node	Cervical Lymph Node Nos	Hyperplasia, Nos
Ovary		Atrophy, Nos
		Corpus Atreticum
Skin		Inflammation, Chronic
Spleen		Amyloidosis
		Hypoplasia, Nos
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	Hyperkeratosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_381

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Heart	Mitral Valve Nos	Inflammation, Chronic
	Mitral Valve Nos	Thrombosis, Nos
	Left Atrium Nos	Thrombus, Organized
Intestine Large	Large Intestine, Colon	Inflammation, Acute
	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Portal Tract	Amyloidosis
		Cirrhosis, Portal
	Centrilobular	Congestion, Passive
Lung		Histiocytosis
Lymph node		Hyperplasia, Nos
	Colo-Rectal Lymph Node	Hypoplasia, Nos
Pancreas		Lipoidosis
Pituitary gland		Hyperplasia, Nos
Thymus		Involution, Nos
Thyroid		Cyst, Colloid
Vagina		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:10:53
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

Intestine Large	Large Intestine, Colon	Inflammation, Nos
	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
	Bile Duct	Dilatation, Nos
Lung	Alveoli	Inflammation, Acute Suppurative
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos
Vagina		Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_383

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Bone marrow		Congestion, Nos
Intestine Large	Intestinal Tract	Inflammation, Acute
	Colon	Intussusception
Kidney	Glomerulus	Amyloidosis
		Glomerulonephritis, Chronic
		Pyelonephritis, Acute
Liver		Cirrhosis, Portal
	Centrilobular	Congestion, Nos
Lymph node		Hyperplasia, Nos
Spleen		Amyloidosis
	Red Pulp	Hyperplasia, Nos
		Hypoplasia, Lymphoid
Stomach		Hyperkeratosis
	Fundus	Ulcer, Nos
Uterus		Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_392

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Glomerulus

Congestion, Nos

Glomerulonephritis, Acute

Lymph node

Colo-Rectal Lymph Node

Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_393

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Amyloidosis

Kidney

Cortex

Infarct, Nos

Liver

Centrilobular

Congestion, Passive

Lung

Alveoli

Histiocytosis

Lymph node

Mesenteric Lymph Node

Hyperplasia, Nos

Mammary gland

Lactation

Ovary

Atrophy, Nos

Pancreas

Lipoidosis

Parathyroid gland

Hyperplasia, Nos

Thymus

Involution, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_411

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow

Heart

Intestine Large

Kidney

Liver

Lymph node

Spleen

Unspecified

Atrium

Intestinal Tract

Colon

Red Pulp

Multiple Organs Nos

Congestion, Nos

Thrombosis, Nos

Inflammation, Acute Suppurative

Intussusception

Glomerulonephritis, Chronic

Cirrhosis, Portal

Hyperplasia, Nos

Congestion, Nos

Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_412

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large

Cecum, Colon

Abscess, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_413

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Large
Intestine Small
Liver
Lung
Lymph node
Ovary

Cortex Nos
Left Atrium Nos
Large Intestine, Colon
Ileum
Centrilobular

Amyloidosis
Thrombus, Organized
Inflammation, Nos
Postmortem Change
Congestion, Passive
Histiocytosis
Hyperplasia, Nos
Atresia
Corpus Atreticum
Lipoidosis
Hematopoiesis
Atrophy, Nos
Congestion, Nos
Hyperplasia, Nos

Pancreas
Spleen
Thyroid
Uterus

Follicle
Serosa
Endometrium

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:53

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 Ventricle Nos	Thrombosis, Nos
Intestine Large	Intestinal Tract	Inflammation, Nos
	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lymph node	Cervical Lymph Node Nos	Hyperplasia, Nos
Ovary		Atresia
Pancreas		Lipoidosis
Salivary gland		Inflammation, Nos
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Urinary bladder		Hyperplasia, Papillary
Uterus	Serosa	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:53

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

Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Anus Nos	Persistent Cloaca
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Ovary		Corpus Atreticum
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
	Multiple Organs Nos	Postmortem Change

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_423

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

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:53

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

Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Anus Nos	Persistent Cloaca
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Ovary		Corpus Atreticum
Pancreas		Lipoidosis
Spleen		Hematopoiesis
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Urinary bladder		Hyperplasia, Papillary
Uterus	Serosa	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:10:53
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

Liver
Unspecified

Bile Duct
Multiple Organs Nos

Inflammation, Nos
Postmortem Change

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_433

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large

Cortex Nos
Gastrointestinal Tract
Gastrointestinal Tract

Lung

Amyloidosis
Inflammation, Suppurative
Postmortem Change
Congestion, Nos
Inflammation, Acute Focal

Lymph node
Spleen

Hyperplasia, Nos
Amyloidosis
Hypoplasia, Nos

Thymus

Involution, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:53

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

Heart	Atrium	Thrombosis, Nos
	Left Atrium Nos	Thrombus, Organized
Intestine Large	Large Intestine, Colon	Inflammation, Nos
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
		Inflammation, Acute Hemorrhagic
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Ovary		Atresia
Skin		Ulcer, Acute
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Urinary bladder		Hyperplasia, Papillary
Uterus	Fimbria/Fallopian Tube	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:10:53
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 Cortical Adenoma
Intestine Large	Anus Nos	Persistent Cloaca
Liver	Centrilobular Hepatic Lobule	Congestion, Passive Necrosis, Focal
Lung	Alveoli	Histiocytosis
Lymph node		Hyperplasia, Nos
Ovary		Atresia
Pancreas		Lipoidosis
Spleen		Amyloidosis
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Postmortem Change
Uterus	Serosa	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:10:53
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

Adrenal gland	Cortex Nos	Amyloidosis
Intestine Large	Gastrointestinal Tract	Inflammation, Acute Suppurative
Kidney		Cast, Nos
	Tubule	Inflammation, Nos
Liver		Amyloidosis
	Hepatocytes	Necrosis, Nos
Lung		Congestion, Nos
		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Spleen		Hematopoiesis
Stomach	Cardiac Stomach	Hyperkeratosis
Thymus		Involution, Nos
Thyroid		Amyloidosis
Uterus		Inflammation, Acute Suppurative
		Papillary Adenoma
Vagina		Inflammation, Acute Suppurative
		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_451

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Hyperplasia, Focal
Intestine Large	Anus Nos	Persistent Cloaca
	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver	Centrilobular	Congestion, Passive
Lung		Histiocytosis
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Parathyroid gland		Hyperplasia, Nos
Spleen		Hypoplasia, Lymphoid
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_452

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Large
Liver

Lymph node
Ovary
Pancreas
Stomach
Uterus

Cortex Nos
Left Atrium Nos
Intestinal Tract
Centrilobular
Centrilobular

Cardiac Stomach
Fimbria/Fallopian Tube

Amyloidosis
Thrombus, Organized
Postmortem Change
Congestion, Passive
Necrosis, Focal
Hyperplasia, Nos
Corpus Atreticum
Lipoidosis
Hyperkeratosis
Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_453

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Lung	Alveoli	Histiocytosis
Lymph node	Thoracic Lymph Node	Hyperplasia, Nos
Pancreas		Lipoidosis
Spleen	Red Pulp	Hypoplasia, Nos
Thymus		Involution, Nos
Thyroid	Follicle	Atrophy, Nos
		C-Cell Adenoma
		Cyst, Colloid
Uterus	Endometrium	Hyperplasia, Nos
	Endometrium	Inflammation, Acute Suppurative
Vagina		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_461

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung	Alveoli	Histiocytosis
Lymph node	Colo-Rectal Lymph Node	Hyperplasia, Nos
Ovary		Atrophy, Nos
		Corpus Atreticum
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Endometrium	Hyperplasia, Nos
Vagina		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:53

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

Intestine Large

Anus Nos

Persistent Cloaca

Kidney

Intestinal Tract

Postmortem Change

Lymph node

Glomerulus

Nephrosis, Nos

Ovary

Colo-Rectal Lymph Node

Hyperplasia, Nos

Pancreas

Corpus Atreticum

Skin

Circumanal Gland

Lipoidosis

Inflammation, Acute Suppurative

Spleen

Ulcer, Nos

Thymus

Hypoplasia, Nos

Unspecified

Involution, Nos

Urinary bladder

Multiple Organs Nos

Amyloidosis

Uterus

Endometrium

Hyperplasia, Papillary

Vagina

Inflammation, Acute Suppurative

Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_463	TRT#: 2 DOSE: 10000 PPM	SEX: Female DISP: Natural Death	DAY ON TEST: HISTO:
<hr/> OBSERVATIONS			
Intestine Large	Gastrointestinal Tract	Inflammation, Suppurative	
	Gastrointestinal Tract	Postmortem Change	
Kidney		Glomerulonephritis, Chronic	
Liver	Bile Duct	Hyperplasia, Nos	
		Lymphocytic Inflammatory Infiltrate	
Lung		Inflammation, Interstitial	
Lymph node	Colo-Rectal Lymph Node	Edema, Nos	
		Hyperplasia, Nos	
Pancreas		Postmortem Change	
Spleen		Hypoplasia, Nos	
Thymus		Involution, Nos	
Unspecified	Multiple Organs Nos	Amyloidosis	
<hr/> PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_471

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Heart

Mitral Valve Nos

Inflammation, Proliferative

Kidney

Glomerulus

Nephrosis, Nos

Liver

Cirrhosis, Portal

Mammary gland

Lactation

Ovary

Corpus Atreticum

Thymus

Involution, Nos

Unspecified

Multiple Organs Nos

Amyloidosis

Multiple Organs Nos

Postmortem Change

Uterus

Endometrium

Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:53

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

Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lymph node		Hyperplasia, Nos
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
	Multiple Organs Nos	Postmortem Change
Vagina		Inflammation, Nos
		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:10:53
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

Adrenal gland
Intestine Large

Cortex Nos
Large Intestine, Colon
Intestinal Tract
Glomerulus

Kidney
Liver
Lung
Mammary gland
Spleen
Thymus
Unspecified

Hyperplasia, Focal
Inflammation, Nos
Postmortem Change
Nephrosis, Nos
Cirrhosis, Portal
Inflammation, Interstitial
Lactation
Hypoplasia, Nos
Involution, Nos
Abscess, Nos
Amyloidosis

Multiple Organs Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_481

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
		Cortical Adenoma
	Cortex Nos	Hyperplasia, Focal
Intestine Large	Cecum, Colon	Postmortem Change
Lung		Congestion, Nos
Pancreas		Lipoidosis
Thyroid	Follicle	Atrophy, Nos
Uterus	Endometrium	Hyperplasia, Nos
	Endometrium	Inflammation, Acute Suppurative
Vagina		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_482

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Colon

Abscess, Nos

Gastrointestinal Tract

Inflammation, Proliferative

Gastrointestinal Tract

Postmortem Change

Kidney

Glomerulonephritis, Chronic

Liver

Cirrhosis, Portal

Lung

Inflammation, Interstitial

Lymph node

Hyperplasia, Nos

Skin

Scar

Spleen

Red Pulp

Hematopoiesis

Unspecified

Multiple Organs Nos

Hypoplasia, Lymphoid

Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_483

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	Large Intestine, Colon	Inflammation, Nos
	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver	Centrilobular	Congestion, Passive
	Hepatic Lobule	Necrosis, Focal
Lymph node	Mesenteric Lymph Node	Amyloidosis
		Hyperplasia, Nos
Thymus		Amyloidosis
		Involution, Nos
Uterus	Fimbria/Fallopian Tube	Dilatation, Nos
Vagina		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_491

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Colon	Inflammation, Nos
	Colon	Intussusception
	Colon	Necrosis, Nos
	Colon	Thrombosis, Nos
	Cecum, Colon	Ulcer, Nos
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Ovary		Atrophy, Nos
		Corpus Atreticum
Skin		Inflammation, Chronic
		Verruca
Spleen		Hypoplasia, Nos
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	Hyperkeratosis
Thymus		Involution, Nos
Thyroid		Cyst, Colloid
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:53

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

Adrenal gland

Amyloidosis

Heart

Cortical Adenoma

Intestine Large

Auricular Appendage Nos

Cortical Carcinoma

Kidney

Cecum, Colon

Thrombus, Mural

Liver

Colon

Hyperplasia, Focal

Lung

Inflammation, Chronic Focal

Inflammation, Chronic

Congestion, Nos

Rupture

Bronchopneumonia, Chronic

Spleen

Hyperplasia, Nos

Thyroid

Hypertrophy, Nos

Uterus

Alveoli

Necrosis, Nos

Vagina

Serosa

Amyloidosis

Amyloidosis

Congestion, Nos

Hyperkeratosis

Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:10:53
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

Adrenal gland		Cortical Adenoma
Blood vessel	Colic Artery	Thrombosis, Nos
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Large Intestine, Colon	Inflammation, Nos
	Colon	Intussusception
	Large Intestine, Colon	Necrosis, Nos
Intestine Small	Ileum	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
		Cyst, Nos
Ovary		Atrophy, Nos
		Corpus Atreticum
Spleen		Hypoplasia, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_511

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Large
Liver
Lung
Ovary
Pancreas

Cortex Nos
Left Atrium Nos
Intestinal Tract
Centrilobular
Alveoli

Endometrium

Amyloidosis
Thrombosis, Nos
Postmortem Change
Congestion, Passive
Histiocytosis
Corpus Atreticum
Dilatation, Ducts
Lipoidosis
Hyperplasia, Nos
Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:10:53
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	Hyperplasia, Nodular
Intestine Large	Serosa, Colon	Abscess, Nos
	Large Intestine, Colon	Inflammation, Nos
	Intestinal Tract	Postmortem Change
Kidney		Nephrosis, Hydro
	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
	Centrilobular	Congestion, Passive
	Bile Duct	Dilatation, Nos
Lung	Alveoli	Histiocytosis
Lymph node		Hyperplasia, Nos
Mammary gland		Lactation
Ovary		Atresia
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos
	Endometrium	Hyperplasia, Nos
	Fallopian Tube	Hyperplasia, Papillary

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)
CAS Number: 12001-29-5

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

ANIMAL ID: 2_521

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Mitral Valve Nos	Inflammation, Proliferative
	Mitral Valve Nos	Thrombosis, Nos
Intestine Large	Colon	Inflammation, Nos
	Cecum, Colon	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung		Histiocytosis
Lymph node		Hyperplasia, Nos
Ovary		Corpus Atreticum
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Urinary bladder		Hyperplasia, Papillary

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_522

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Cardiac Valve	Inflammation, Proliferative
Intestine Large	Gastrointestinal Tract	Inflammation, Acute Suppurative
	Anus Nos	Persistent Cloaca
Kidney		Glomerulonephritis, Chronic
		Perivasculitis
Liver	Bile Duct	Hyperplasia, Nos
		Lymphocytic Inflammatory Infiltrate
Lymph node		Hyperplasia, Lymphoid
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_523

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	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Urinary bladder		Hyperplasia, Papillary
Vagina		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_531

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Large

Cortex Nos
Mitral Valve Nos
Gastrointestinal Tract
Anus Nos
Gastrointestinal Tract
Peyers Patch
Periportal

Intestine Small
Liver
Lung
Lymph node
Pancreas
Spleen

Red Pulp

Thymus
Urinary bladder

Amyloidosis
Inflammation, Acute/Chronic
Inflammation, Nos
Persistent Cloaca
Postmortem Change
Hyperplasia, Nos
Amyloidosis
Inflammation, Interstitial
Hyperplasia, Lymphoid
Lipoidosis
Amyloidosis
Hematopoiesis
Hyperplasia, Lymphoid
Involution, Nos
Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:53

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

Adrenal gland Esophagus	Medulla	Congestion, Nos Acanthosis Hyperkeratosis
Heart Intestine Large	Auricular Appendage Nos Cecum, Colon Intestinal Tract Gastrointestinal Tract	Thrombus, Organized Inflammation, Acute Suppurative Inflammation, Suppurative Postmortem Change
Kidney	Glomerulus	Amyloidosis Glomerulonephritis, Chronic
Liver		Inflammation, Acute Hemorrhagic Inflammation, Acute Necrotizing
Lung		Congestion, Nos Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Congestion, Nos Hyperplasia, Nos
Pancreas		Lipoidosis
Skin		Inflammation, Focal
Thymus		Involution, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:10:53
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

Adrenal gland	Cortex Nos	Amyloidosis Cyst, Nos
Heart	Atrium	Thrombus, Organized
Intestine Large	Gastrointestinal Tract	Inflammation, Acute
	Colon	Inflammation, With Fibrosis
	Gastrointestinal Tract	Postmortem Change
Kidney	Glomerulus	Amyloidosis Glomerulonephritis, Chronic
Liver	Periportal	Amyloidosis Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Spleen		Hypoplasia, Lymphoid
Urinary bladder		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_541

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
Intestinal Tract

Lung
Lymph node
Ovary
Pancreas
Spleen
Thymus
Thyroid
Uterus
Vagina

Endometrium

Amyloidosis
Thrombus, Organized
Inflammation, Nos
Postmortem Change
Inflammation, Interstitial
Hyperplasia, Nos
Atresia
Lipoidosis
Amyloidosis
Involution, Nos
Cyst, Colloid
Hyperplasia, Nos
Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_542

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

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

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_543

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large	Intestinal Tract	Inflammation, With Fibrosis
Kidney		Glomerulonephritis, Chronic
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Spleen	Red Pulp	Hematopoiesis
		Hypoplasia, Lymphoid
Unspecified		Abscess, Nos
	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_551

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 Small	Ileum	Postmortem Change
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Centrilobular	Congestion, Passive
Lymph node		Hyperplasia, Nos
Ovary		Atrophy, Nos
		Corpus Atreticum
Pituitary gland		Cytoplasmic Vacuolization

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_552	TRT#: 2 DOSE: 10000 PPM	SEX: Female DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Intestine Small	Jejunum	Atrophy, Nos	
Kidney		Glomerulonephritis, Chronic	
Liver	Bile Duct	Hyperplasia, Nos	
Lymph node		Edema, Nos	
		Hyperplasia, Nos	
Spleen		Hematopoiesis	
		Hypoplasia, Nos	
Thymus		Involution, Nos	
Unspecified	Multiple Organs Nos	Amyloidosis	
<hr/>			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_553

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Focal
Intestine Large	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Endometrium	Inflammation, Acute Suppurative
Vagina		Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_561

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
	Cortex Nos	Hamartoma
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Large Intestine, Colon	Inflammation, Nos
	Anus Nos	Persistent Cloaca
Intestine Small	Ileum	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver	Centrilobular	Congestion, Passive
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Thymus		Involution, Nos
Thyroid		Amyloidosis
Uterus	Serosa	Congestion, Nos
	Endometrium	Hypoplasia, Nos
Vagina		Hyperkeratosis
		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_562

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large

Gastrointestinal Tract
Gastrointestinal Tract

Inflammation, Suppurative
Postmortem Change

Kidney

Glomerulonephritis, Chronic

Liver

Cirrhosis, Portal

Lung

Inflammation, Interstitial

Lymph node

Hyperplasia, Nos

Spleen

Hematopoiesis

Unspecified

Multiple Organs Nos

Hypoplasia, Nos
Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:10:53
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	Hyperplasia, Focal
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Small	Ileum	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
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	Serosa	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_581

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel	Colic Artery	Thrombosis, Nos
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Large Intestine, Colon	Inflammation, Nos
	Colon	Intussusception
	Large Intestine, Colon	Necrosis, Nos
	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Portal Tract	Amyloidosis
		Cirrhosis, Portal
		Cyst, Multiple
Mammary gland		Lactation
Ovary		Atrophy, Nos
		Corpus Atreticum
Pancreas	Acinus	Cyst, Nos
Spleen		Cyst, Multiple
		Amyloidosis
		Hypoplasia, Nos
Uterus	Endometrium	Hyperplasia, Cystic
		Papilloma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_582

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Gastrointestinal Tract

Inflammation, Acute Suppurative

Kidney

Gastrointestinal Tract

Postmortem Change

Liver

Bile Duct

Glomerulonephritis, Chronic

Lung

Periportal

Hyperplasia, Papillary

Lymph node

Lymphocytic Inflammatory Infiltrate

Pancreas

Inflammation, Interstitial

Spleen

Hyperplasia, Nos

Thymus

Lipoidosis

Unspecified

Hypoplasia, Nos

Multiple Organs Nos

Involution, Nos

Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_583

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Atrophy, Nos
		Cortical Adenoma
Intestine Large	Anus Nos	Hyperplasia, Nos
	Gastrointestinal Tract	Inflammation, Nos
	Gastrointestinal Tract	Postmortem Change
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Spleen		Amyloidosis
		Hyperplasia, Nos
Thymus		Involution, Nos
Thyroid		Amyloidosis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_591

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis Cortical Adenoma
Heart	Cortex Nos	Dilatation, Nos
Intestine Large	Left Atrium Nos	Thrombus, Organized
Liver	Cecum, Colon	Postmortem Change
Lung	Centrilobular	Congestion, Passive
Lymph node		Inflammation, Interstitial
Pancreas		Hyperplasia, Nos
Thymus		Lipoidosis
Uterus	Endometrium	Involution, Nos
	Endometrium	Hyperplasia, Nos
Vagina		Inflammation, Suppurative Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_592

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	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Amyloidosis
	Tubule	Mineralization
	Glomerulus	Nephrosis, Nos
Liver	Centrilobular	Cytoplasmic Vacuolization
	Centrilobular	Necrosis, Focal
Lung		Inflammation, Interstitial
Lymph node	Colo-Rectal Lymph Node	Hyperplasia, Nos
Ovary		Atrophy, Nos
		Corpus Atreticum
Pancreas		Lipoidosis
Skin		Inflammation, Acute
Spleen		Amyloidosis
		Hypoplasia, Lymphoid
Thyroid		Follicular-Cell Adenoma
Vagina		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_593

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Congestion, Nos
Esophagus		Hyperkeratosis
Intestine Large	Gastrointestinal Tract	Inflammation, Acute Suppurative
Kidney	Glomerulus	Amyloidosis
		Glomerulonephritis, Chronic
Liver	Portal Tract	Amyloidosis
		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Pancreas	Islets	Hyperplasia, Nos
Skin		Scar
Spleen	Red Pulp	Degeneration, Hyaline
		Hypoplasia, Lymphoid
Stomach	Fundus	Ulcer, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:10:53
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

Intestine Large

Gastrointestinal Tract

Inflammation, Suppurative

Kidney

Gastrointestinal Tract

Postmortem Change

Lymph node

Colo-Rectal Lymph Node

Glomerulonephritis, Chronic

Skin

Infarct, Nos

Edema, Nos

Hyperplasia, Nos

Verruca

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_602

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
	Cortex Nos	Hyperplasia, Focal
Intestine Large	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Portal Tract	Amyloidosis
		Cirrhosis, Portal
	Centrilobular	Congestion, Passive
Lung	Alveoli	Histiocytosis
Pancreas		Lipoidosis
Spleen		Hematopoiesis
Thymus		Hypoplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_603

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Blood vessel	Aorta Nos	Thrombosis, Nos
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Anus Nos	Metaplasia, Squamous
Intestine Small	Ileum	Inflammation, Acute Focal
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Centrilobular	Congestion, Passive
		Cytoplasmic Vacuolization
Lung	Alveoli	Histiocytosis
Lymph node		Hyperplasia, Nos
Ovary		Atrophy, Nos
		Corpus Atreticum
Pancreas		Lipoidosis
Skin	Circumanal Gland	Inflammation, Acute
Spleen		Amyloidosis
		Hypoplasia, Nos
Thymus		Involution, Nos
Vagina		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:53

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

Gall bladder

Intestine Large

Kidney

Liver

Lung

Lymph node

Spleen

Unspecified

Intestinal Tract

Intestinal Tract

Glomerulus

Alveoli

Multiple Organs Nos

Retention Of Content

Inflammation, Nos

Postmortem Change

Nephrosis, Nos

Cirrhosis, Portal

Congestion, Nos

Hyperplasia, Nos

Hypoplasia, Nos

Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_612

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large Kidney	Gastrointestinal Tract	Inflammation, Nos Glomerulonephritis, Chronic Perivascularitis
Liver	Bile Duct Periportal	Hyperplasia, Nos Lymphocytic Inflammatory Infiltrate
Lung Lymph node	Colo-Rectal Lymph Node Mesenteric Lymph Node	Inflammation, Interstitial Hyperplasia, Lymphoid Hyperplasia, Nos
Pancreas Spleen		Lipoidosis Congestion, Nos Hypoplasia, Nos
Stomach Unspecified	Cardiac Stomach Multiple Organs Nos	Hyperkeratosis Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_613

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Gastrointestinal Tract

Inflammation, Suppurative

Kidney

Gastrointestinal Tract

Postmortem Change

Liver

Glomerulonephritis, Chronic

Lung

Cirrhosis, Portal

Lymph node

Inflammation, Interstitial

Skin

Hyperplasia, Nos

Spleen

Scar

Unspecified

Multiple Organs Nos

Congestion, Nos

Urinary bladder

Hypoplasia, Nos

Amyloidosis

Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:53

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
Heart
Intestine Large
Kidney
Liver
Lung
Lymph node
Ovary
Spleen
Thymus
Unspecified
Urinary bladder
Vagina

Cortex Nos
Left Atrium Nos
Cecum, Colon
Glomerulus
Centrilobular

Multiple Organs Nos

Hyperplasia, Nos
Thrombus, Organized
Postmortem Change
Nephrosis, Nos
Congestion, Passive
Histiocytosis
Hyperplasia, Nos
Corpus Atreticum
Hypoplasia, Nos
Involution, Nos
Amyloidosis
Hyperplasia, Papillary
Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_622

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Mitral Valve Nos	Inflammation, Proliferative
	Mitral Valve Nos	Thrombosis, Nos
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Stomach	Cardiac Stomach	Hyperkeratosis
Thyroid		Cyst, Colloid
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Endometrium	Hyperplasia, Nos
Vagina		Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_623

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
		Cyst, Nos
Lymph node		Hyperplasia, Nos
Ovary		Atresia
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_631

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cyst, Nos
	Cortex Nos	Hyperplasia, Focal
Blood vessel	Colic Artery	Thrombosis, Nos
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Intestinal Tract	Inflammation, Nos
	Colon	Intussusception
	Large Intestine, Colon	Necrosis, Nos
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
	Bile Duct	Dilatation, Nos
Lung	Alveoli	Histiocytosis
Ovary		Atrophy, Nos
		Corpus Atreticum
Pancreas	Acinus	Cyst, Multiple
		Lipoidosis
Skin	Circumanal Gland	Inflammation, Acute Suppurative
Spleen		Hypoplasia, Nos
Stomach	Cardiac Stomach	Hyperkeratosis
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus		Leiomyoma
Vagina		Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:10:53
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

Submucosa, Colon
Colon

Inflammation, Hemorrhagic
Intussusception

Intestine Small

Jejunum

Postmortem Change

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:10:53
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

Intestine Large

Gastrointestinal Tract

Postmortem Change

Kidney

Glomerulus

Nephrosis, Nos

Unspecified

Multiple Organs Nos

Amyloidosis

Urinary bladder

Postmortem Change

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_641

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Gastrointestinal Tract

Inflammation, Acute Suppurative

Kidney

Gastrointestinal Tract

Postmortem Change

Liver

Glomerulonephritis, Chronic

Lung

Cirrhosis, Portal

Lymph node

Congestion, Nos

Spleen

Hyperplasia, Nos

Unspecified

Multiple Organs Nos

Hypoplasia, Lymphoid

Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_642

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Heart	Left Atrium Nos	Thrombus, Organized
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Centrilobular	Congestion, Passive
	Centrilobular	Necrosis, Nos
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Ovary		Cyst, Nos
Pancreas		Lipoidosis
Spleen		Hypoplasia, Lymphoid
Thymus		Involution, Nos
Thyroid		Amyloidosis
Uterus		Adenocarcinoma, Nos
	Endometrium	Inflammation, Acute Suppurative
Vagina		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_643

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Mineralization
Intestine Large	Large Intestine, Colon	Inflammation, Nos
Intestine Small	Ileum	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
		Cyst, Nos
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Urinary bladder		Hyperplasia, Papillary
Uterus	Serosa	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_651

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	Rectum	Inflammation, Focal
	Cecum, Colon	Postmortem Change
Intestine Small	Duodenum	Inflammation, Nos
Kidney	Glomerulus	Nephrosis, Nos
Liver	Centrilobular	Congestion, Passive
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Spleen		Amyloidosis
Thymus		Involution, Nos
Thyroid		Cyst, Colloid
Uterus	Endometrium	Inflammation, Acute Suppurative
Vagina		Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_652

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large	Intestinal Tract	Inflammation, Acute
Liver	Portal Tract	Lymphocytic Inflammatory Infiltrate
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Spleen	Red Pulp	Congestion, Nos
		Hypoplasia, Lymphoid

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_661

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Intestine Small
Kidney

Cortex Nos
Ileum
Glomerulus

Liver
Lung
Lymph node
Spleen

Red Pulp

Urinary bladder

Amyloidosis
Inflammation, Acute Suppurative
Amyloidosis
Glomerulonephritis, Chronic
Cirrhosis, Portal
Congestion, Nos
Hyperplasia, Nos
Hematopoiesis
Hypoplasia, Nos
Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_662

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large
Kidney
Liver
Lung
Lymph node
Ovary
Pancreas
Thymus
Thyroid
Urinary bladder
Uterus

Intestinal Tract
Glomerulus
Centrilobular

Follicle

Endometrium
Endometrium

Postmortem Change
Nephrosis, Nos
Congestion, Passive
Histiocytosis
Hyperplasia, Nos
Corpus Atreticum
Lipoidosis
Involution, Nos
Atrophy, Nos
Hyperplasia, Papillary
Hyperplasia, Nos
Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:10:53
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

Heart		Thrombus, Organized
Intestine Small	Ileum	Inflammation, Nos
Kidney		Glomerulonephritis, Chronic
Liver	Bile Duct	Dilatation, Nos
	Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hemorrhage
	Mesenteric Lymph Node	Hyperplasia, Lymphoid
	Colo-Rectal Lymph Node	Hyperplasia, Nos
Pancreas		Lipoidosis
Skin		Hyperkeratosis
Spleen		Hyperplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Vagina		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_671

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large

Cortex Nos
Large Intestine, Colon
Intestinal Tract

Lymph node
Ovary
Pancreas
Spleen
Thymus
Thyroid
Uterus

Fimbria/Fallopian Tube
Endometrium

Amyloidosis
Inflammation, Nos
Postmortem Change
Hypoplasia, Nos
Atresia
Lipoidosis
Amyloidosis
Involution, Nos
Amyloidosis
Dilatation, Nos
Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_672

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Heart	Mitral Valve Nos	Inflammation, Proliferative
	Mitral Valve Nos	Thrombosis, Nos
Liver	Periportal	Amyloidosis
	Bile Duct	Hyperplasia, Nos
		Inflammation, Acute Focal
Lymph node		Hyperplasia, Lymphoid
Pancreas		Lipoidosis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_673

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Mineralization
	Left Atrium Nos	Thrombus, Organized
Intestine Large	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver	Bile Duct	Dilatation, Nos
Lung		Inflammation, Interstitial
Mammary gland		Lactation
Ovary		Atrophy, Nos
		Corpus Atreticum
Skeletal muscle		Inflammation, Granulomatous
Spleen		Hypoplasia, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Vagina		Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:53

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

Adrenal gland
Intestine Large

Cortex Nos
Gastrointestinal Tract
Gastrointestinal Tract
Glomerulus

Kidney

Amyloidosis
Inflammation, Nos
Postmortem Change
Amyloidosis
Glomerulonephritis, Chronic
Congestion, Nos
Inflammation, Acute Hemorrhagic
Inflammation, Interstitial
Hyperplasia, Nos
Lipoidosis
Hematopoiesis
Involution, Nos

Liver

Lung
Lymph node
Pancreas
Spleen
Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_682

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis Cortical Adenoma
Intestine Large	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Centrilobular	Congestion, Passive
Lung	Alveoli	Histiocytosis
Lymph node		Hyperplasia, Nos
Mammary gland		Lactation
Ovary		Atrophy, Nos
		Corpus Atreticum
Pancreas		Lipoidosis
Spleen		Amyloidosis
		Hypoplasia, Nos
Thymus		Involution, Nos
Thyroid	Follicle	Atrophy, Nos
Uterus	Serosa	Congestion, Nos
	Endometrium	Hyperplasia, Nos
	Endometrium	Inflammation, Acute Suppurative
Vagina		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_683

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Submucosa, Colon

Inflammation, Hemorrhagic

Colon

Intussusception

Intestinal Tract

Postmortem Change

Kidney

Glomerulus

Nephrosis, Nos

Liver

Postmortem Change

Stomach

Submucosa

Edema, Nos

Unspecified

Multiple Organs Nos

Erosion

Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_691

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Gastrointestinal Tract

Inflammation, Acute Suppurative

Gastrointestinal Tract

Postmortem Change

Intestine Small

Intestinal Villus, Ileum

Regeneration, Incomplete

Kidney

Glomerulonephritis, Chronic

Liver

Cirrhosis, Portal

Lung

Inflammation, Interstitial

Lymph node

Hyperplasia, Nos

Skin

Hyperkeratosis

Scar

Spleen

Hypoplasia, Lymphoid

Unspecified

Multiple Organs Nos

Amyloidosis

Urinary bladder

Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_692

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Heart	Mitral Valve Nos	Inflammation, Proliferative
	Left Atrium Nos	Thrombus, Organized
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Lung		Histiocytosis
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos
Ovary		Corpus Atreticum
Pancreas		Lipoidosis
Thymus		Involution, Nos
Vagina		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_702

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	Mitral Valve Nos	Inflammation, Proliferative
	Mitral Valve Nos	Thrombosis, Nos
	Left Atrium Nos	Thrombus, Organized
Intestine Large	Intestinal Tract	Postmortem Change
Intestine Small	Intestinal Villus, Ileum	Regeneration, Incomplete
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver		Inflammation, Acute Hemorrhagic
Lymph node		Hyperplasia, Nos
Ovary		Atresia
Pancreas		Lipoidosis
Spleen		Amyloidosis
		Hypoplasia, Lymphoid
Thymus		Involution, Nos
Urinary bladder		Hyperplasia, Papillary
Uterus	Endometrium	Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_703

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Mitral Valve Nos	Inflammation, Proliferative
	Left Atrium Nos	Thrombus, Organized
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung	Alveoli	Inflammation, Acute Diffuse
Lymph node		Hyperplasia, Nos
Spleen		Hypoplasia, Nos
Stomach	Cardiac Stomach	Hyperkeratosis
Unspecified	Multiple Organs Nos	Amyloidosis
	Multiple Organs Nos	Postmortem Change
Urinary bladder		Hyperplasia, Papillary
Uterus	Endometrium	Inflammation, Nos
Vagina		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_711

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	Hepatic Lobule	Necrosis, Focal
Lung		Histiocytosis
Pancreas		Lipoidosis
Thymus		Involution, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:10:53
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

Lung		Hyperplasia, Granulocytic
Unspecified	Multiple Organs Nos	Postmortem Change

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_713

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Intestine Large	Anus Nos	Persistent Cloaca
	Gastrointestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung		Histiocytosis
Lymph node		Hyperplasia, Nos
Ovary		Atresia
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:53

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

Adrenal gland
Heart
Intestine Small
Kidney
Liver

Cortex Nos
Left Atrium Nos
Ileum
Glomerulus

Amyloidosis
Thrombus, Organized
Regeneration, Incomplete
Nephrosis, Nos
Amyloidosis
Cirrhosis, Portal
Congestion, Passive
Congestion, Nos
Hyperplasia, Nos
Atresia
Lipoidosis
Hematopoiesis
Involution, Nos
C-Cell Adenoma

Lung
Lymph node
Ovary
Pancreas
Spleen
Thymus
Thyroid

Centrilobular
Alveoli

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_722

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	Gastrointestinal Tract	Postmortem Change
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Centrilobular	Congestion, Passive
Lung	Alveoli	Inflammation, Acute Diffuse
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Spleen		Amyloidosis
		Hypoplasia, Lymphoid
Thymus		Involution, Nos
Thyroid	Follicle	Atrophy, Focal
Uterus		Leiomyoma
Vagina		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:10:53
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
Intestine Large
Kidney

Liver
Lung
Lymph node
Mammary gland
Ovary

Pancreas
Spleen
Thyroid

Uterus
Vagina

Cortex Nos
Intestinal Tract
Glomerulus
Glomerulus
Centrilobular

Endometrium

Amyloidosis
Postmortem Change
Amyloidosis
Nephrosis, Nos
Congestion, Passive
Histiocytosis
Hyperplasia, Nos
Lactation
Atresia
Corpus Atreticum
Lipoidosis
Hypoplasia, Lymphoid
Amyloidosis
Cyst, Colloid
Hyperplasia, Nos
Inflammation, Acute
Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_731

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Congestion, Nos
Intestine Large	Intestinal Tract	Inflammation, Acute
Kidney		Glomerulonephritis, Subacute
Liver	Portal Tract	Lymphocytic Inflammatory Infiltrate
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Spleen		Hyperplasia, Lymphoid
	Red Pulp	Hyperplasia, Reticulum Cell

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_733

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
	Cortex Nos	Cyst, Nos
	Cortex Nos	Hyperplasia, Nos
Heart	Left Atrium Nos	Thrombosis, Nos
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Centrilobular	Congestion, Passive
	Centrilobular	Necrosis, Focal
Lung	Alveoli	Histiocytosis
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos
Mammary gland		Lactation
Ovary		Atrophy, Nos
		Corpus Atreticum
Pancreas		Lipoidosis
Thymus		Involution, Nos
Thyroid		Amyloidosis
Uterus	Serosa	Congestion, Nos
Vagina		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_741

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

Lung

Histiocytosis

Lymph node

Hyperplasia, Nos

Mammary gland

Lactation

Ovary

Corpus Atreticum

Pancreas

Lipoidosis

Spleen

Hematopoiesis

Thymus

Involution, Nos

Uterus

Fimbria/Fallopian Tube

Cyst, Nos

Vagina

Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_742

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Mitral Valve Nos	Inflammation, Chronic
	Mitral Valve Nos	Mineralization
	Mitral Valve Nos	Thrombosis, Nos
Intestine Large	Intestinal Tract	Postmortem Change
Intestine Small	Ileum	Inflammation, Nos
Kidney		Postmortem Change
Liver		Cirrhosis, Portal
Lymph node	Colo-Rectal Lymph Node	Edema, Nos
		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: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_743

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large	Rectum	Hyperplasia, Papillary
Intestine Small	Ileum, Ileum	Regeneration, Incomplete
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lymph node		Hyperplasia, Nos
Ovary		Cyst, Nos
		Retention Of Content
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_751

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large
Kidney

Intestinal Tract

Inflammation, Acute Suppurative
Degeneration, Hydropic
Glomerulonephritis, Acute
Necrosis, Nos

Liver
Lung
Lymph node
Pancreas
Peritoneum
Spleen

Centrilobular

Congestion, Nos
Inflammation, Interstitial
Hyperplasia, Reticulum Cell
Inflammation, Acute Diffuse
Inflammation, Acute Suppurative
Atrophy, Nos
Hypoplasia, Nos
Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:10:53
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

Adrenal gland	Cortex Nos	Amyloidosis
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Centrilobular	Congestion, Passive
		Cytoplasmic Vacuolization
		Necrosis, Focal
Lung	Alveoli	Histiocytosis
Ovary		Atrophy, Nos
		Corpus Atreticum
		Cyst, Nos
Parathyroid gland		Adenoma, Nos
		Hyperplasia, Nos
Spleen		Hypoplasia, Lymphoid
Thyroid		Amyloidosis
		Cyst, Colloid
Vagina		Inflammation, Acute Suppurative
		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:10:53
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

Adrenal gland	Cortex Nos	Amyloidosis
Heart	Atrium	Thrombus, Organized
Intestine Large	Gastrointestinal Tract	Inflammation, Acute Suppurative
	Gastrointestinal Tract	Postmortem Change
Kidney	Glomerulus	Amyloidosis
		Glomerulonephritis, Chronic
Lung		Inflammation, Acute Diffuse
		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_761

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 Gastrointestinal Tract	Inflammation, Suppurative Postmortem Change
Lung		Inflammation, Interstitial
Lymph node		Edema, Nos Hyperplasia, Lymphoid
Pancreas		Lipoidosis
Skin		Hyperkeratosis Verruca
Spleen		Amyloidosis Hypoplasia, Nos
Thyroid		Amyloidosis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_762

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large	Intestinal Tract	Inflammation, Acute
Intestine Small	Ileum	Postmortem Change
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

-

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_763

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart
Intestine Large

Mitral Valve Nos
Gastrointestinal Tract
Anus Nos
Gastrointestinal Tract

Kidney

Thrombosis, Nos
Inflammation, Nos
Persistent Cloaca
Postmortem Change
Glomerulonephritis, Chronic

Liver
Lymph node
Parathyroid gland
Spleen

Bile Duct

Perivascularitis
Hyperplasia, Nos
Hyperplasia, Nos
Inflammation, Acute Focal
Hemangioma
Hypoplasia, Nos
Amyloidosis
Congestion, Nos

Unspecified
Uterus

Multiple Organs Nos
Serosa

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_771

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Gall bladder		Edema, Nos
Heart	Left Atrium Nos	Thrombus, Organized
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver		Cytoplasmic Vacuolization
	Hepatic Lobule	Necrosis, Focal
Lung	Alveoli	Histiocytosis
		Inflammation, Interstitial
Pancreas		Lipoidosis
Thymus		Involution, Nos
Uterus	Serosa	Congestion, Nos
Vagina		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_772

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Cortex Nos	Amyloidosis Hemorrhage
Gall bladder		Inflammation, Acute
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Intestinal Tract Intestinal Tract	Inflammation, Acute Postmortem Change
Liver		Inflammation, Acute Diffuse
Lung	Alveoli	Inflammation, Acute Diffuse
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Spleen		Hematopoiesis
Thymus		Involution, Nos
Thyroid	Follicle	Atrophy, Nos
Vagina		Inflammation, Acute Vesicular

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_773

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

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

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_781

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large
Kidney
Liver
Lymph node

Gastrointestinal Tract
Glomerulus

Postmortem Change
Nephrosis, Nos
Cirrhosis, Portal
Hyperplasia, Nos

Pancreas
Spleen
Thymus
Unspecified
Uterus

Mesenteric Lymph Node

Postmortem Change
Postmortem Change
Hypoplasia, Nos
Involution, Nos
Amyloidosis
Inflammation, Acute

Multiple Organs Nos
Endometrium

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_782

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Amyloidosis

Heart

Left Atrium Nos

Cortical Adenoma

Intestine Large

Rectum

Thrombus, Organized

Anus Nos

Inflammation, Nos

Intestinal Tract

Persistent Cloaca

Kidney

Glomerulus

Postmortem Change

Glomerulus

Amyloidosis

Liver

Bile Duct

Nephrosis, Nos

Cyst, Nos

Lymph node

Dilatation, Nos

Ovary

Hyperplasia, Nos

Salivary gland

Submaxillary Gland Nos

Corpus Atreticum

Spleen

Fibrosing Adenosis

Thymus

Amyloidosis

Hyperplasia, Nos

Involution, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_783

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos
Heart	Left Atrium Nos
Kidney	Glomerulus
Lung	
Unspecified	Multiple Organs Nos

Dilatation, Nos
Thrombosis, Nos
Nephrosis, Nos
Inflammation, Acute
Amyloidosis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:10:53
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

Adrenal gland	Cortex Nos	Amyloidosis
Intestine Small	Ileum	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Lung		Histiocytosis
Lymph node		Hyperplasia, Nos
Ovary		Corpus Atreticum
Pancreas	Islets	Hyperplasia, Nos
		Lipoidosis
Thyroid		Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_792	TRT#: 2 DOSE: 10000 PPM	SEX: Female DISP: Natural Death	DAY ON TEST: HISTO:
<hr/> OBSERVATIONS			
Adrenal gland	Cortex Nos	Amyloidosis	
Intestine Large	Anus Nos	Hyperplasia, Nos	
Intestine Small	Duodenum	Amyloidosis	
	Ileum	Inflammation, Nos	
Kidney	Glomerulus	Amyloidosis	
	Glomerulus	Nephrosis, Nos	
Liver		Inflammation, Acute Hemorrhagic	
Lung	Alveoli	Hemorrhage	
Lymph node		Hyperplasia, Nos	
Pancreas		Lipoidosis	
Salivary gland		Inflammation, Nos	
Thymus		Involution, Nos	
<hr/> PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_793

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Gastrointestinal Tract	Inflammation, Acute Suppurative
	Gastrointestinal Tract	Postmortem Change
Kidney		Glomerulonephritis, Subacute
Liver	Centrilobular	Congestion, Nos
	Bile Duct	Hyperplasia, Nos
		Inflammation, Acute Hemorrhagic
Lung		Inflammation, Interstitial
Lymph node		Edema, Nos
	Colo-Rectal Lymph Node	Hyperplasia, Nos
	Mesenteric Lymph Node	Hyperplasia, Nos
Pancreas		Lipoidosis
Spleen	Red Pulp	Hematopoiesis
		Hyperplasia, Lymphoid
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:10:53
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

Heart	Atrium	Thrombosis, Nos
Intestine Large	Gastrointestinal Tract	Inflammation, Suppurative
	Gastrointestinal Tract	Postmortem Change
Kidney		Glomerulonephritis, Chronic
		Perivasculitis
Liver	Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Skin		Hyperkeratosis
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:53

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

Adrenal gland
Intestine Large
Kidney

Cortex Nos
Anus Nos
Glomerulus

Amyloidosis
Cyst, Epidermal Inclusion
Amyloidosis

Liver
Lung
Lymph node
Mammary gland
Ovary

Papilla
Centrilobular
Alveoli

Mineralization
Congestion, Passive
Histiocytosis

Pancreas
Thyroid
Uterus
Vagina

Follicle
Serosa

Hyperplasia, Nos
Lactation
Atrophy, Nos
Corpus Atreticum
Lipoidosis
Atrophy, Nos
Congestion, Nos
Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_803

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Atrium	Thrombus, Organized
Intestine Large	Gastrointestinal Tract	Inflammation, Acute Suppurative
	Gastrointestinal Tract	Postmortem Change
Kidney		Glomerulonephritis, Chronic
		Perivasculitis
Liver	Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Interstitial
Lymph node	Colo-Rectal Lymph Node	Edema, Nos
		Hyperplasia, Lymphoid
Pancreas		Cystic Ducts
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:53

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
Kidney

Gastrointestinal Tract

Inflammation, Acute Suppurative
Glomerulonephritis, Chronic
Perivascularitis

Liver
Lung

Bile Duct

Hyperplasia, Nos
Inflammation, Interstitial

Lymph node
Pancreas

Colo-Rectal Lymph Node

Hyperplasia, Nos
Lipoidosis

Spleen
Thymus

Hypoplasia, Nos
Involution, Nos

Unspecified

Multiple Organs Nos

Amyloidosis

Uterus

Serosa

Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_812

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large	Gastrointestinal Tract	Inflammation, Nos
	Gastrointestinal Tract	Postmortem Change
Kidney		Glomerulonephritis, Nos
		Perivascularitis
Liver	Bile Duct	Hyperplasia, Nos
	Centrilobular	Metamorphosis, Fatty
Lymph node		Hyperplasia, Lymphoid
	Cervical Lymph Node Nos	Hyperplasia, Nos
Pancreas		Lipoidosis
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:10:53
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

Intestine Small	Jejunum	Inflammation, Suppurative
Kidney		Glomerulonephritis, Chronic
		Perivasculitis
Liver		Cirrhosis, Portal
		Metamorphosis, Fatty
Lung		Inflammation, Interstitial
Lymph node		Edema, Nos
		Hyperplasia, Nos
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_821

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Mitral Valve Nos	Inflammation, Chronic
	Left Atrium Nos	Thrombus, Organized
	Mitral Valve Nos	Thrombus, Organized
Intestine Large	Large Intestine, Colon	Inflammation, Acute
Intestine Small	Ileum	Regeneration, Incomplete
Kidney	Glomerulus	Nephrosis, Nos
Lung		Histiocytosis
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Thymus	Cortex	Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_822

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain		Inflammation, Acute Focal
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Large Intestine, Colon	Inflammation, Nos
Intestine Small	Ileum	Regeneration, Incomplete
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
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: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_823

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Intestinal Tract	Inflammation, Acute
	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
	Centrilobular	Congestion, Passive
Lung	Alveoli	Inflammation, Acute Focal
Lymph node		Hyperplasia, Nos
Spleen		Hypoplasia, Nos
Stomach	Cardiac Stomach	Ulcer, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Endometrium	Inflammation, Suppurative
Vagina		Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_831

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Heart		Mineralization
Intestine Large	Cecum, Colon	Inflammation, Focal
Intestine Small	Jejunum	Postmortem Change
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Hepatic Lobule	Necrosis, Focal
Mammary gland		Lactation
Pancreas		Lipoidosis
		Postmortem Change
Thymus		Involution, Nos
Thyroid		Amyloidosis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_832

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Colon	Intussusception
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
		Cyst, Nos
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Ovary		Corpus Atreticum
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Vagina		Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_833

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Hamartoma
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Intestinal Tract	Inflammation, Nos
Intestine Small	Ileum	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lymph node	Colo-Rectal Lymph Node	Hyperplasia, Nos
Ovary		Atresia
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_841

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	Intestinal Tract	Postmortem Change
Liver	Centrilobular	Congestion, Passive
Lung	Alveoli	Histiocytosis
Ovary		Atrophy, Nos
		Corpus Atreticum
Pancreas		Lipoidosis
Thymus		Involution, Nos
Thyroid		Amyloidosis
Urinary bladder	Submucosa	Edema, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_842

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lymph node
Skin

Ear
Ear

Hyperplasia, Nos
Abscess, Nos
Melanoma, Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_843

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large	Cecum, Colon	Inflammation, Focal
Intestine Small	Ileum	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Lung		Histiocytosis
Lymph node	Colo-Rectal Lymph Node	Hypoplasia, Nos
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Urinary bladder		Hyperplasia, Papillary

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_851

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	Bile Duct	Dilatation, Nos
	Hepatic Lobule	Necrosis, Focal
Lung	Alveoli	Histiocytosis
Lymph node	Cervical Lymph Node Nos	Hyperplasia, Nos
Pancreas		Lipoidosis
Spleen		Amyloidosis
	Red Pulp	Hypoplasia, Nos
Thymus		Involution, Nos
Urinary bladder		Hyperplasia, Papillary
Uterus	Serosa	Congestion, Nos
	Endometrium	Inflammation, Acute Suppurative
Vagina		Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_852

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis Cortical Adenoma
Intestine Large	Anus Nos	Persistent Cloaca
Kidney	Glomerulus Glomerulus	Amyloidosis Nephrosis, Nos
Liver	Centrilobular	Congestion, Passive
Lung	Alveoli	Histiocytosis
Lymph node		Hyperplasia, Nos
Mammary gland		Lactation
Ovary		Atrophy, Nos
Pancreas		Lipoidosis
Pituitary gland		Adenoma, Nos
Skin	Circumanal Gland	Inflammation, Nos
Spleen		Amyloidosis
Thymus	Red Pulp	Hypoplasia, Nos
Thyroid	Follicle	Involution, Nos
Uterus	Serosa	Atrophy, Nos
Vagina		Congestion, Nos Metaplasia, Squamous

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_861

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis Cortical Adenoma
Intestine Large	Cortex Nos Gastrointestinal Tract Gastrointestinal Tract	Cyst, Nos Inflammation, Nos Postmortem Change
Kidney	Glomerulus	Amyloidosis Glomerulonephritis, Chronic
Liver	Periportal	Amyloidosis Angiectasis
Lung	Alveoli	Histiocytosis
Lymph node		Hyperplasia, Nos
Spleen	Red Pulp	Hematopoiesis Hypoplasia, Lymphoid

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_862

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung	Alveoli	Inflammation, Acute Diffuse
Lymph node	Cervical Lymph Node Nos	Hyperplasia, Nos
Ovary		Atresia
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:53

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 Cortical Adenoma
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Portal Tract	Amyloidosis Cirrhosis, Portal Necrosis, Focal
	Hepatic Lobule	Inflammation, Interstitial
Lung		Hyperplasia, Nos
Lymph node		Atrophy, Nos
Ovary		Corpus Atreticum
Pancreas	Islets	Islet-Cell Adenoma Lipoidosis
Stomach	Fundus	Erosion
Thymus		Involution, Nos
Thyroid	Follicle	Atrophy, Nos
Uterus		Adenoma, Nos
Vagina		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_872

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos
Mammary gland		Lactation
Ovary		Atrophy, Nos
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
	Multiple Organs Nos	Postmortem Change

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_873

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Cecum, Colon

Inflammation, Nos

Intestinal Tract

Postmortem Change

Kidney

Glomerulus

Nephrosis, Nos

Liver

Cirrhosis, Portal

Lung

Inflammation, Interstitial

Lymph node

Colo-Rectal Lymph Node

Hyperplasia, Nos

Pancreas

Postmortem Change

Unspecified

Multiple Organs Nos

Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_881

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Amyloidosis
Intestine Small	Ileum	Inflammation, Suppurative
Liver	Centrilobular	Congestion, Passive
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Mammary gland		Lactation
Pancreas		Lipoidosis
Thymus		Involution, Nos

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_882

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
	Cortex Nos	Dilatation, Nos
	Cortex Nos	Hyperplasia, Focal
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Centrilobular	Congestion, Passive
		Cyst, Multiple
		Necrosis, Focal
Lung	Alveoli	Congestion, Nos
Lymph node		Hyperplasia, Nos
Mammary gland		Lactation
Ovary		Atrophy, Nos
		Corpus Atreticum
Pancreas		Lipoidosis
Thymus		Involution, Nos
Thyroid		Cyst, Colloid
Uterus	Endometrium	Inflammation, Acute Focal
Vagina		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:53

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

Adrenal gland

Cortex Nos

Amyloidosis

Heart

Left Atrium Nos

Thrombus, Organized

Kidney

Glomerulus

Amyloidosis

Glomerulus

Nephrosis, Nos

Liver

Centrilobular

Hepatocytomegaly

Necrosis, Focal

Hepatic Lobule

Nuclei, Abnormal Number

Kupffer Cell

Pigmentation, Nos

Lung

Inflammation, Interstitial

Lymph node

Hyperplasia, Nos

Ovary

Corpus Atreticum

Pancreas

Lipoidosis

Spleen

Hypoplasia, Lymphoid

Thymus

Involution, Nos

Urinary bladder

Hyperplasia, Papillary

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_901

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		Cirrhosis, Portal
	Bile Duct	Dilatation, Nos
Lung	Alveoli	Congestion, Nos
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_902	TRT#: 2 DOSE: 10000 PPM	SEX: Female DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
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	
Spleen		Hypoplasia, Nos	
Unspecified	Multiple Organs Nos	Amyloidosis	
Uterus	Endometrium	Inflammation, Acute Suppurative	
Vagina		Inflammation, Acute Suppurative	
<hr/>			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:53

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

Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Colon	Inflammation, Focal
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
Lung		Histiocytosis
Lymph node		Hyperplasia, Nos
Ovary		Corpus Atreticum
Pancreas		Lipoidosis
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_911

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Amyloidosis Cortical Adenoma
Heart	Cortex Nos	Hyperplasia, Nos
Intestine Large	Left Atrium Nos	Thrombus, Organized
	Anus Nos	Cyst, Epidermal Inclusion
	Anus Nos	Metaplasia, Squamous
	Cecum, Colon	Postmortem Change
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Bile Duct	Dilatation, Nos
Lung		Inflammation, Interstitial
Ovary		Atrophy, Nos
Pancreas		Lipoidosis
Skin	Circumanal Gland	Inflammation, Acute
Spleen		Amyloidosis
Thymus		Involution, Nos
Uterus	Endometrium	Hyperplasia, Nos
Vagina		Inflammation, Acute Suppurative Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:53

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

Adrenal gland
Heart
Intestine Large

Cortex Nos
Left Atrium Nos
Cecum, Colon
Intestinal Tract
Anus Nos
Portal Tract

Liver

Centrilobular
Alveoli

Lung
Lymph node
Pancreas
Stomach
Thymus

Amyloidosis
Thrombus, Organized
Hyperplasia, Nos
Inflammation, Nos
Persistent Cloaca
Amyloidosis
Cirrhosis, Portal
Congestion, Passive
Inflammation, Acute
Hyperplasia, Nos
Lipoidosis
Erosion
Involution, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_913

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large

Cortex Nos
Gastrointestinal Tract
Gastrointestinal Tract

Amyloidosis
Inflammation, Acute Suppurative
Postmortem Change

Kidney

Glomerulus

Amyloidosis
Glomerulonephritis, Chronic

Liver

Periportal

Amyloidosis
Cirrhosis, Portal

Lung

Congestion, Nos
Inflammation, Interstitial

Lymph node

Hyperplasia, Nos

Spleen

Hypoplasia, Nos

Stomach

Fundus

Ulcer, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_921

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
	Bile Duct	Dilatation, Nos
Lung	Alveoli	Histiocytosis
Lymph node	Colo-Rectal Lymph Node	Hyperplasia, Nos
Ovary		Atrophy, Nos
		Corpus Atreticum
Pancreas		Lipoidosis
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos
	Fimbria/Fallopian Tube	Dilatation, Nos
Vagina		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_922

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Congestion, Nos
Heart	Atrium	Thrombus, Organized
Intestine Large	Anus Nos	Hyperkeratosis
	Gastrointestinal Tract	Inflammation, Nos
	Anus Nos	Verruca
Kidney		Glomerulonephritis, Chronic
		Perivascularitis
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node	Colo-Rectal Lymph Node	Hyperplasia, Lymphoid
	Mesenteric Lymph Node	Hyperplasia, Nos
Skin		Hyperkeratosis
Spleen		Hypoplasia, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
	Multiple Organs Nos	Postmortem Change

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:10:53
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			
Heart	Myocardium Nos	Inflammation, Focal	
Kidney		Inflammation, Nos	
Lung		Congestion, Nos	
Unspecified	Multiple Organs Nos	Postmortem Change	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_931

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Small	Ileum	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
		Cyst, Nos
Lung		Inflammation, Interstitial
Ovary		Atrophy, Nos
		Corpus Atreticum
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Serosa	Congestion, Nos
	Fimbria/Fallopian Tube	Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:10:53
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

Gall bladder		Calculus, Unknown Gross Or Micro
Heart	Atrium	Mineralization
	Atrium	Thrombus, Organized
Lung		Congestion, Nos
		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(IR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:10:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_933

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
	Cortex Nos	Hyperplasia, Focal
Intestine Large	Cecum, Colon	Postmortem Change
Kidney	Glomerulus	Amyloidosis
	Glomerulus	Nephrosis, Nos
Liver	Portal Tract	Amyloidosis
	Centrilobular	Congestion, Passive
		Necrosis, Focal
Lung	Alveoli	Histiocytosis
Lymph node		Hyperplasia, Nos
Ovary		Atrophy, Nos
		Corpus Atreticum
Pancreas		Lipoidosis
Thymus		Involution, Nos
Uterus	Serosa	Congestion, Nos
	Endometrium	Inflammation, Acute Diffuse
		Papillary Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_941

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	Persistent Cloaca
Kidney	Glomerulus	Nephrosis, Nos
Liver	Hepatic Lobule	Necrosis, Focal
Lymph node		Hyperplasia, Nos
Stomach	Fundus	Papillary Adenoma
	Fundus	Ulcer, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

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

ANIMAL ID: 2_942

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hemorrhage
Heart	Left Ventricle Nos	Thrombosis, Nos
	Left Atrium Nos	Thrombus, Organized
Intestine Large	Large Intestine, Colon	Inflammation, Nos
	Anus Nos	Persistent Cloaca
	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Nephrosis, Nos
Liver		Cirrhosis, Portal
		Inflammation, Acute Diffuse
Lung		Metaplasia, Squamous
		Postmortem Change
Lymph node	Cervical Lymph Node Nos	Hyperplasia, Nos
Pancreas		Postmortem Change
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Thyroid	Follicle	Atrophy, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61234B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Hamsters/Syrian Golden

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

Date Report Requested: 10/26/2014
Time Report Requested: 10:10:54
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

Heart	Mitral Valve Nos	Inflammation, Proliferative
	Mitral Valve Nos	Thrombus, Organized
Intestine Large	Gastrointestinal Tract	Inflammation, Nos
	Anus Nos	Persistent Cloaca
	Gastrointestinal Tract	Postmortem Change
Kidney		Glomerulonephritis, Chronic
		Perivasculitis
Liver	Bile Duct	Hyperplasia, Nos
Lymph node		Hyperplasia, Nos
Parathyroid gland		Hyperplasia, Nos
Spleen		Hypoplasia, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

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**** END OF REPORT ****