

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

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

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_011

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart		Endocardiosis
Intestine Large	Gastrointestinal Tract	Inflammation, Nos
	Gastrointestinal Tract	Postmortem Change
Kidney		Glomerulonephritis, Chronic
Liver		Cirrhosis, Portal
	Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Prostate		Retention Of Content
Seminal vesicle		Retention Of Content
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_012

TRT#: 1
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Epididymis

Zona Glomerulosa

Metaplasia, Nos
Aspermatogenesis
Atrophy, Nos
Nephropathy
Hyperplasia, Nos
Lipoidosis
Cytoplasmic Vacuolization
Inflammation, Chronic
Atrophy, Nos
Hyperplasia, Interstitial Cell
Spermatogenic Arrest
Hyperplasia, Papillary
Inflammation, Chronic

Kidney
Lymph node
Pancreas
Pituitary gland
Prostate
Testis

Urinary bladder

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_013

TRT#: 1
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Nephropathy
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_031

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Dilatation, Nos

Kidney

Cortex Nos

Hyperplasia, Focal

Liver

Glomerulus

Amyloidosis

Lung

Centrilobular

Congestion, Passive

Inflammation, Interstitial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_032

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Mitral Valve Nos	Inflammation, Proliferative
Intestine Small	Ileum	Regeneration, Incomplete
Kidney		Nephropathy
Liver		Cirrhosis, Portal
	Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Interstitial
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:03

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_033

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Epididymis		Granuloma, Spermatic
Gall bladder		Retention Of Content
Heart		Metaplasia, Osseous
Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney	Papilla	Mineralization
		Nephropathy
Liver		Cirrhosis, Portal
	Bile Duct	Hyperplasia, Nos
Lymph node	Cervical Lymph Node Nos	Hyperplasia, Nos
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Thyroid		Cyst, Colloid
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_041

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney		Nephropathy
Liver	Centrilobular	Congestion, Passive
Lung	Alveoli	Histiocytosis
Pancreas		Lipoidosis
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_042

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large

Gastrointestinal Tract
Gastrointestinal Tract

Inflammation, Suppurative
Postmortem Change

Lung

Lymph node

Pancreas

Prostate

Seminal vesicle

Stomach

Cardiac Stomach

Inflammation, Interstitial
Hyperplasia, Nos
Lipoidosis
Retention Of Content
Retention Of Content
Hyperkeratosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_043

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Small
Kidney

Left Atrium Nos
Ileum
Glomerulus

Lung
Lymph node

Thoracic Lymph Node

Cortical Carcinoma
Thrombus, Organized
Regeneration, Incomplete
Amyloidosis
Infarct, Nos
Inflammation, Interstitial
Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_051

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large
Kidney
Thymus
Unspecified

Gastrointestinal Tract

Multiple Organs Nos

Cortical Adenoma
Postmortem Change
Nephropathy
Involution, Nos
Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:03

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_052

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Large
Kidney

Liver

Cortex Nos
Left Atrium Nos
Intestinal Tract
Glomerulus

Centrilobular

Hyperplasia, Focal
Thrombosis, Nos
Postmortem Change
Amyloidosis
Nephropathy
Congestion, Passive
Necrosis, Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:03

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_053

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel	Abdominal Aorta	Atherosclerosis
Brain		Astrocytoma
Intestine Large	Colon	Inflammation, Acute
	Rectum	Inflammation, Acute
	Gastrointestinal Tract	Postmortem Change
Kidney	Glomerulus	Amyloidosis
		Nephropathy
Pancreas		Lipoidosis
Thyroid		Cyst, Colloid

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_061

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Nephropathy
Liver	Centrilobular	Congestion, Passive Cytoplasmic Vacuolization Necrosis, Focal
Pituitary gland		Cytoplasmic Vacuolization

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_062

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Cortical Carcinoma
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Small	Ileum	Regeneration, Incomplete
Kidney		Nephropathy
Liver	Centrilobular	Congestion, Passive
	Periportal	Lymphocytic Inflammatory Infiltrate
Lung	Alveoli	Histiocytosis
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos
Pancreas		Lipoidosis
Thymus		Involution, Nos
Thyroid		Cyst, Colloid

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_063

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large

Anus Nos

Cyst, Epidermal Inclusion

Anus Nos

Hyperkeratosis

Colon

Inflammation, Nos

Rectum

Inflammation, Nos

Gastrointestinal Tract

Postmortem Change

Lymph node

Mesenteric Lymph Node

Hyperplasia, Nos

Skin

Inflammation, Chronic

Thymus

Involution, Nos

Thyroid

Follicle

Atrophy, Nos

Cyst, Colloid

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_071

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Blood vessel	Aorta Nos	Atherosclerosis
	Aorta Nos	Mineralization
Bone marrow		Congestion, Nos
Heart	Myocardium Nos	Inflammation, Acute Focal
Intestine Large	Cecum, Colon	Abscess, Nos
	Gastrointestinal Tract	Inflammation, Acute Suppurative
Kidney		Glomerulonephritis, Chronic
Liver		Cirrhosis, Portal
	Bile Duct	Hyperplasia, Nos
	Periportal	Lymphocytic Inflammatory Infiltrate
Lung		Congestion, Nos
Lymph node		Hyperplasia, Nos
Prostate		Inflammation, Acute
Seminal vesicle		Inflammation, Acute
Spleen		Hypoplasia, Nos
Testis		Atrophy, Nos
		Spermatogenic Arrest
Unspecified	Multiple Organs Nos	Amyloidosis
Urinary bladder		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:03

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_072

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow		Angiectasis
		Congestion, Nos
Epididymis		Aspermatogenesis
Intestine Small	Jejunum	Inflammation, Acute Necrotizing
Kidney		Nephropathy
		Nephrosis, Hydro
Liver	Centrilobular	Congestion, Nos
	Centrilobular	Necrosis, Focal
Lung		Inflammation, Interstitial
Spleen	Red Pulp	Hematopoiesis
		Hypoplasia, Lymphoid
Testis		Hyperplasia, Interstitial Cell
		Spermatogenic Arrest
Unspecified		Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_073

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Gall bladder		Inflammation, Chronic
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Anus Nos	Abscess, Nos
	Cecum, Colon	Inflammation, Chronic Focal
	Gastrointestinal Tract	Postmortem Change
Intestine Small	Duodenum	Adenoma, Nos
	Ileum	Regeneration, Incomplete
Kidney		Nephropathy
Liver	Centrilobular	Congestion, Passive
		Necrosis, Focal
Lung	Alveoli	Histiocytosis
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_081

TRT#: 1
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis		Aspermatogenesis
Intestine Small	Peyers Patch	Hyperplasia, Nos
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Spleen		Hematopoiesis
Stomach	Submucosa	Hyperplasia, Hematopoietic
Testis		Hyperplasia, Lymphoid
Unspecified	Abdominal Viscera	Spermatogenic Arrest
		Hernia, Nos

PRIMARY CAUSE OF DEATH

-

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_082

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large
Lymph node
Pancreas
Stomach
Thymus

Rectum
Thoracic Lymph Node

Fundus

Cortical Adenoma
Hyperplasia, Papillary
Hyperplasia, Nos
Lipoidosis
Erosion
Involution, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:03

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_083

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel

Colic Artery

Thrombosis, Nos

Heart

Myocardium Nos

Fibrosis, Focal

Intestine Large

Colon

Intussusception

Kidney

Nephropathy

Pituitary gland

Cytoplasmic Vacuolization

Unspecified

Multiple Organs Nos

Amyloidosis

Urinary bladder

Inflammation, Chronic Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_091

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large	Anus Nos	Metaplasia, Squamous
	Anus Nos	Persistent Cloaca
Kidney		Nephropathy
Liver	Centrilobular	Congestion, Passive
		Necrosis, Focal
Lung	Alveoli	Histiocytosis
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	Hyperkeratosis
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:03

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_092

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Mineralization
	Atrium	Thrombosis, Nos
Intestine Large	Intestinal Tract	Inflammation, Acute Suppurative
Intestine Small	Ileum	Regeneration, Incomplete
Kidney		Glomerulonephritis, Chronic
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Spleen		Hypoplasia, Lymphoid
Stomach	Cardiac Stomach	Acanthosis
	Submucosa	Edema, Nos
	Cardiac Stomach	Hyperkeratosis
Testis		Spermatogenic Arrest
Unspecified	Multiple Organs Nos	Abscess, Nos
	Multiple Organs Nos	Amyloidosis
Urinary bladder		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_093

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large

Intestinal Tract

Inflammation, Acute

Kidney

Intestinal Tract

Regeneration, Incomplete

Lymph node

Glomerulonephritis, Acute

Prostate

Hyperplasia, Nos

Seminal vesicle

Retention Of Content

Spleen

Retention Of Content

Atrophy, Nos

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_101

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Blood vessel	Colic Artery	Thrombosis, Nos
Intestine Large	Colon	Inflammation, Nos
	Colon	Intussusception
	Colon	Necrosis, Nos
Kidney		Nephropathy
Liver		Cirrhosis, Portal
Lymph node	Cervical Lymph Node Nos	Hyperplasia, Nos
Pancreas		Lipoidosis
Pituitary gland		Cytoplasmic Vacuolization
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_102

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large
Kidney
Lung
Lymph node
Thymus
Thyroid
Urinary bladder

Cortex Nos
Large Intestine, Colon

Amyloidosis
Inflammation, Nos
Nephropathy
Inflammation, Interstitial
Hyperplasia, Nos
Involution, Nos
Amyloidosis
Hyperplasia, Papillary

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_103

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow
Intestine Large

Kidney
Lung
Lymph node
Prostate
Seminal vesicle

Intestinal Tract
Intestinal Tract

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

PRIMARY CAUSE OF DEATH

-

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_111

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Gall bladder		Calculus, Unknown Gross Or Micro
Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney		Nephropathy
Liver		Cirrhosis, Portal
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:03

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_112

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Epididymis

Kidney

Pituitary gland

Testis

Thyroid

Unspecified

Urinary bladder

Pelvis

Multiple Organs Nos

Aspermatogenesis

Nephropathy

Nephrosis, Hydro

Cytoplasmic Vacuolization

Atrophy, Nos

Spermatogenic Arrest

Cyst, Colloid

Amyloidosis

Hyperplasia, Papillary

Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_113

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large

Intestinal Tract

Inflammation, Nos

Kidney

Intestinal Tract

Postmortem Change

Lung

Nephropathy

Lymph node

Inflammation, Interstitial

Pancreas

Hyperplasia, Nos

Thymus

Lipoidosis

Thyroid

Involution, Nos

Cyst, Colloid

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_121

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Congestion, Nos
Intestine Large	Colon	Inflammation, Acute Diffuse
	Intestinal Tract	Postmortem Change
Intestine Small	Ileum	Inflammation, Acute Suppurative
Kidney		Glomerulonephritis, Acute
Liver	Portal Tract	Lymphocytic Inflammatory Infiltrate
Lung		Congestion, Nos
		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Prostate		Retention Of Content
Seminal vesicle		Retention Of Content

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:03

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_122

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Cyst, Nos Hyperplasia, Focal
Blood vessel	Cortex Nos Brachioceph. Artery Brachioceph. Artery	Necrosis, Nos Atherosclerosis Mineralization
Heart	Mitral Valve Nos Left Ventricle Nos Left Atrium Nos	Inflammation, Chronic Thrombosis, Nos Thrombus, Organized
Kidney	Glomerulus	Amyloidosis Nephropathy
Liver	Hepatic Lobule	Cyst, Multiple Necrosis, Focal
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos
Pancreas		Lipoidosis
Pituitary gland		Cytoplasmic Vacuolization

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_123

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Liver
Unspecified

Centrilobular
Multiple Organs Nos

Amyloidosis
Congestion, Passive
Postmortem Change

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:03

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_131

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large

Anus Nos
Intestinal Tract
Glomerulus
Centrilobular

Kidney
Liver

Lung
Pancreas
Pituitary gland
Spleen
Thymus
Thyroid

Cortical Adenoma
Abscess, Nos
Postmortem Change
Amyloidosis
Congestion, Passive
Necrosis, Focal
Histiocytosis
Lipoidosis
Cytoplasmic Vacuolization
Hematopoiesis
Involution, Nos
Cyst, Colloid

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:03

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_132

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis Hemorrhage
Blood vessel	Coronary Artery Nos	Arteriosclerosis, Nos
Epididymis		Aspermatogenesis
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney		Nephropathy
Liver	Centrilobular	Congestion, Passive Cyst, Nos
Lymph node	Cervical Lymph Node Nos	Hyperplasia, Nos
Pancreas		Postmortem Change
Prostate		Inflammation, Acute Suppurative
Seminal vesicle		Inflammation, Acute Suppurative
Testis		Hyperplasia, Interstitial Cell Spermatogenic Arrest
Thyroid	Follicle	Atrophy, Nos
Urinary bladder		Hyperplasia, Papillary

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_133

TRT#: 1
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Heart	Left Atrium Nos	Thrombus, Organized
Kidney	Glomerulus	Amyloidosis
		Nephropathy
Liver		Cyst, Multiple
Pituitary gland		Cytoplasmic Vacuolization
Spleen		Hyperplasia, Lymphoid

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_141

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Blood vessel
Intestine Large
Kidney
Liver

Brachioceph. Artery
Anus Nos

Embolism, Nos
Abscess, Nos
Nephropathy
Cirrhosis, Portal
Necrosis, Focal
Cytoplasmic Vacuolization
Amyloidosis
Lymphoma, Histiocytic-Malignant Type
Postmortem Change

Pituitary gland
Unspecified

Multiple Organs Nos
Multiple Organs Nos
Multiple Organs Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_142

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Hemorrhage Hyperplasia, Focal Hyperplasia, Focal Aspermatogenesis Inflammation, Acute Suppurative
Epididymis		Nephropathy
Kidney		Congestion, Passive Necrosis, Focal
Liver	Centrilobular	Inflammation, Interstitial
Lung		Hyperplasia, Focal
Pancreas	Islets	Spermatogenic Arrest
Testis		Amyloidosis
Unspecified	Multiple Organs Nos	Inflammation, Acute Suppurative
Urethra		

PRIMARY CAUSE OF DEATH

-

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_143

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Kidney	Glomerulus	Amyloidosis
		Nephropathy
Liver	Centrilobular	Congestion, Passive
		Necrosis, Focal
Lung	Alveoli	Histiocytosis
Lymph node	Cervical Lymph Node Nos	Hyperplasia, Nos
Pancreas	Acinus	Atrophy, Focal
Pituitary gland		Cytoplasmic Vacuolization

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_151

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large
Kidney
Liver
Lymph node
Pituitary gland
Unspecified

Anus Nos
Kupffer Cell
Cervical Lymph Node Nos
Multiple Organs Nos

Hyperkeratosis
Nephropathy
Pigmentation, Nos
Hyperplasia, Nos
Cytoplasmic Vacuolization
Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:03

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_152

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Mitral Valve Nos Left Ventricle Nos	Inflammation, Chronic Thrombosis, Nos
Kidney		Nephropathy
Liver		Cirrhosis, Portal Cyst, Nos Pigmentation, Nos
Lung	Kupffer Cell Alveoli	Histiocytosis
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Pituitary gland		Cytoplasmic Vacuolization
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_153

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis		Atrophy, Nos
Heart	Myocardium Nos	Mineralization
Intestine Large	Intestinal Tract	Inflammation, Acute Suppurative
	Colon	Intussusception
Kidney		Glomerulonephritis, Chronic
Liver		Cirrhosis, Portal
	Hepatocytes	Inflammation, Chronic Necrotizing
		Necrosis, Central
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Prostate		Retention Of Content
Seminal vesicle		Retention Of Content
Skin		Scar
Spleen		Hypoplasia, Nos
Stomach		Hyperkeratosis
Testis		Abscess, Nos
		Cryptorchidism
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:03

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_161

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Epididymis		Inflammation, Acute Suppurative
Esophagus		Inflammation, Acute Focal
Intestine Large	Intestinal Tract	Inflammation, Acute
	Colon	Intussusception
	Gastrointestinal Tract	Postmortem Change
	Rectum	Prolapse
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos
Pituitary gland		Cytoplasmic Vacuolization
Unspecified	Multiple Organs Nos	Amyloidosis
Urethra		Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:03

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_162

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney		Nephropathy
Liver	Portal Tract	Amyloidosis
	Centrilobular	Congestion, Passive
		Necrosis, Focal
Lung	Alveoli	Histiocytosis
Seminal vesicle		Inflammation, Acute
Thymus		Involution, Nos
Thyroid	Follicle	Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_163

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large
Kidney
Seminal vesicle
Thymus
Thyroid
Urinary bladder

Medulla
Gastrointestinal Tract

Dilatation, Nos
Postmortem Change
Glomerulonephritis, Nos
Inflammation, Acute Suppurative
Involution, Nos
Cyst, Colloid
Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:03

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_171

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow
Intestine Large

Kidney

Lymph node
Stomach
Thymus
Thyroid
Urinary bladder

Colon
Gastrointestinal Tract

Mesenteric Lymph Node
Fundus

Follicle

Aplasia, Hematopoietic
Intussusception
Postmortem Change
Glomerulonephritis, Nos
Nephropathy
Nephrosis, Hydro
Hyperplasia, Nos
Erosion
Involution, Nos
Atrophy, Nos
Hyperplasia, Papillary

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_172

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis		Aspermatogenesis
Intestine Small	Jejunum	Inflammation, Chronic
	Intestinal Villus, Ileum	Regeneration, Incomplete
Kidney		Inflammation, Chronic
		Nephrosis, Hydro
Liver		Cirrhosis, Portal
	Portal Tract	Lymphocytic Inflammatory Infiltrate
Lung		Hemorrhage
	Pleura Nos	Inflammation, Chronic Focal
Skin		Acanthosis
		Hyperkeratosis
Stomach		Acanthosis
		Hyperkeratosis
Testis		Spermatogenic Arrest
Unspecified	Multiple Organs Nos	Amyloidosis
Urinary bladder		Hyperplasia, Epithelial
		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:03

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_173

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Intestinal Tract

Postmortem Change

Kidney

Nephropathy

Liver

Cirrhosis, Portal

Lung

Inflammation, Interstitial

Lymph node

Cervical Lymph Node Nos

Hyperplasia, Nos

Pancreas

Lipoidosis

Skin

Circumanal Gland

Inflammation, Acute

Spleen

Hypoplasia, Nos

Unspecified

Multiple Organs Nos

Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_181

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large
Lymph node
Pancreas
Thymus

Gastrointestinal Tract
Colo-Rectal Lymph Node

Pheochromocytoma
Postmortem Change
Hyperplasia, Nos
Lipoidosis
Involution, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_182

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Congestion, Nos
Intestine Large	Colon	Inflammation, Suppurative
	Rectum	Inflammation, Suppurative
	Gastrointestinal Tract	Postmortem Change
Intestine Small	Mesentery Nos	Abscess, Nos
	Ileum	Inflammation, Suppurative
Kidney		Glomerulonephritis, Chronic
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Prostate		Retention Of Content
Seminal vesicle		Retention Of Content
Skeletal muscle		Abscess, Nos
		Pigmentation, Nos
Spleen		Hypoplasia, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:03

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_183

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Mineralization
	Left Atrium Nos	Thrombus, Organized
Intestine Large	Colon	Intussusception
	Gastrointestinal Tract	Postmortem Change
Kidney		Nephropathy
Liver	Portal Tract	Cirrhosis, Portal
		Lymphocytic Inflammatory Infiltrate
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified		Abscess, Nos
	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_192

TRT#: 1
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Congestion, Nos
Kidney	Glomerulus	Amyloidosis Glomerulonephritis, Chronic
Liver		Necrosis, Coagulative
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Prostate		Retention Of Content
Seminal vesicle		Retention Of Content
Spleen		Hyperplasia, Lymphoid
	Red Pulp	Hypoplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_193

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Congestion, Nos
Heart	Base Of Heart	Plasma-Cell Infiltrate
Intestine Large	Gastrointestinal Tract	Inflammation, Acute Suppurative
	Cecum, Colon	Inflammation, Nos
Liver		Inflammation, Nos
Lung		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos
Pancreas		Metamorphosis, Fatty
Prostate		Retention Of Content
Seminal vesicle		Retention Of Content
Spleen		Hyperplasia, Nos
Testis		Spermatogenic Arrest

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_203

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large
Intestine Small
Kidney
Lymph node
Spleen

Gastrointestinal Tract
Peyers Patch

Red Pulp

Inflammation, Acute Diffuse
Hyperplasia, Nos
Glomerulonephritis, Acute
Hyperplasia, Nos
Hypoplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_211

TRT#: 1
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Cortical Adenoma
	Zona Glomerulosa	Hyperplasia, Focal
Intestine Large	Colon	Metaplasia, Nos
Kidney		Intussusception
Liver		Nephropathy
		Cirrhosis, Portal
		Lymphocytic Inflammatory Infiltrate
Lung	Alveoli	Metaplasia, Osseous
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Pituitary gland		Cytoplasmic Vacuolization
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
	Abdominal Viscera	Hernia, Nos
Urinary bladder		Hyperplasia, Papillary
		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_212

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Heart

Intestine Large

Kidney

Lung

Lymph node

Thyroid

Atrium
Anus Nos
Cecum, Colon
Cecum, Colon
Gastrointestinal Tract
Cecum, Colon

Mesenteric Lymph Node

Amyloidosis
Congestion, Nos
Degeneration, Nos
Necrosis, Nos
Thrombus, Mural
Fibrosis, Focal
Inflammation, Chronic
Necrosis, Focal
Postmortem Change
Ulcer, Nos
Inflammation, Chronic Focal
Alveolar Macrophages
Congestion, Nos
C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:03

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_213

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Bone marrow
Epididymis

Cortex Nos

Hyperplasia, Focal
Aplasia, Hematopoietic
Aspermatogenesis
Atrophy, Nos
Cast, Nos

Heart
Intestine Small
Kidney
Liver

Left Atrium Nos
Jejunum

Thrombus, Organized
Ulcer, Focal
Nephropathy
Cloudy Swelling

Centrilobular

Congestion, Passive
Cyst, Multiple

Lung
Pancreas
Parathyroid gland
Pituitary gland
Prostate
Stomach

Acinus

Inflammation, Interstitial
Atrophy, Focal
Cyst, Nos
Cytoplasmic Vacuolization
Inflammation, Acute Suppurative

Cardiac Stomach
Cardiac Stomach

Acanthosis
Hyperkeratosis

Testis
Unspecified

Multiple Organs Nos

Inflammation, Chronic
Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_222

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Blood vessel	Pulmonary Artery Nos	Mineralization
Bone marrow		Congestion, Nos
Intestine Large	Cecum, Colon	Granuloma, Pyogenic
	Intestinal Tract	Inflammation, Suppurative
	Rectum	Verruca
Lung		Congestion, Nos
		Inflammation, Interstitial
Lymph node		Hyperplasia, Lymphoid
Pancreas		Lipoidosis
Prostate		Retention Of Content
Seminal vesicle		Retention Of Content
Spleen	Red Pulp	Hypoplasia, Nos

PRIMARY CAUSE OF DEATH

-

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_223

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow
Intestine Large

Lymph node
Prostate
Seminal vesicle

Gastrointestinal Tract
Gastrointestinal Tract

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

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_231

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Congestion, Nos
Epididymis		Degeneration, Nos
		Mineralization
Heart	Myocardium Nos	Mineralization
Intestine Large	Intestinal Tract	Inflammation, Nos
	Intestinal Tract	Postmortem Change
Kidney	Glomerulus	Amyloidosis
		Glomerulonephritis, Chronic
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Prostate		Inflammation, Acute
Seminal vesicle		Retention Of Content
Spleen	Follicles	Atrophy, Nos
Thyroid		Inflammation, Acute Pustular
Urinary bladder		Calculus, Unknown Gross Or Micro
		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:03

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_232

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney		Nephropathy
Liver		Cirrhosis, Portal
Lung	Alveoli	Histiocytosis
	Alveoli	Inflammation, Acute Suppurative
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Skin		Inflammation, Chronic
Stomach	Cardiac Stomach	Squamous Cell Papilloma
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:03

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_233

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Atrium	Thrombosis, Nos
Intestine Large	Gastrointestinal Tract	Inflammation, Suppurative
	Gastrointestinal Tract	Postmortem Change
Kidney		Infarct, Nos
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Prostate		Retention Of Content
Seminal vesicle		Retention Of Content
Spleen		Amyloidosis
	Red Pulp	Hypoplasia, Nos
		Hypoplasia, Nos
Stomach	Cardiac Stomach	Hyperkeratosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:03

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_241

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Epididymis		Atrophy, Nos
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Cecum, Colon	Postmortem Change
Kidney		Nephropathy
Liver	Centrilobular	Congestion, Passive
Pancreas	Acinus	Cyst, Nos
Prostate		Hyperplasia, Epithelial
Thymus		Involution, Nos
Thyroid	Follicle	Atrophy, Nos
		Cyst, Colloid
Unspecified	Multiple Organs Nos	Amyloidosis
Urinary bladder		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_242

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Lymph node
Pancreas
Seminal vesicle
Thymus

Cortex Nos
Colo-Rectal Lymph Node

Amyloidosis
Abscess, Nos
Lipoidosis
Inflammation, Acute Suppurative
Involution, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_243

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Congestion, Nos
Epididymis		Aspermatogenesis
Intestine Small	Ileum	Inflammation, Acute
Kidney	Glomerulus	Amyloidosis
		Nephropathy
		Nephrosis, Hydro
Prostate		Retention Of Content
Seminal vesicle		Retention Of Content
Testis		Spermatogenic Arrest

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_251

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Cortical Adenoma
Epididymis		Aspermatogenesis
		Atrophy, Nos
Kidney	Glomerulus	Amyloidosis
		Nephropathy
Liver	Centrilobular	Congestion, Passive
		Cyst, Multiple
		Necrosis, Focal
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Pancreas	Acinus	Cyst, Multiple
		Lipoidosis
Prostate		Inflammation, Acute Suppurative
Skin		Inflammation, Acute Suppurative
Testis		Hyperplasia, Interstitial Cell
		Spermatogenic Arrest
Urinary bladder		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_261

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Liver
Thymus
Unspecified

Multiple Organs Nos
Multiple Organs Nos

Nephropathy
Cirrhosis, Portal
Involution, Nos
Abscess, Nos
Amyloidosis
Postmortem Change

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:03

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_262

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Epididymis		Aspermatogenesis Spermatocoele
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Anus Nos	Metaplasia, Squamous
	Intestinal Tract	Postmortem Change
Kidney		Nephropathy
Liver		Cirrhosis, Portal
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos
	Cervical Lymph Node Nos	Hypoplasia, Nos
Prostate		Hyperplasia, Epithelial
Seminal vesicle		Inflammation, Chronic
Spleen		Hypoplasia, Nos
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	Hyperkeratosis
Testis		Spermatogenic Arrest
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Urinary bladder		Calculus, Unknown Gross Or Micro
		Hyperplasia, Papillary
		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_263

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large

Colon
Cecum, Colon
Intestinal Tract

Inflammation, Nos
Inflammation, Proliferative
Postmortem Change

Intestine Small

Ileum
Colo-Rectal Lymph Node

Regeneration, Incomplete

Lymph node

Pancreas

Thymus

Hyperplasia, Nos

Lipoidosis

Involution, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_271

TRT#: 1
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Spleen
Testis

Nephropathy
Hematopoiesis
Spermatogenic Arrest

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_272

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Testis
Unspecified

Multiple Organs Nos

Nephropathy
Spermatogenic Arrest
Postmortem Change

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_273

TRT#: 1
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Liver
Stomach

Thyroid

Centrilobular
Cardiac Stomach
Cardiac Stomach

Pheochromocytoma
Nephropathy
Congestion, Passive
Acanthosis
Hyperkeratosis
C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:03

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_281

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel

Aorta Nos

Calcification, Medial

Heart

Myocardium Nos

Calcification, Nos

Myocardium Nos

Inflammation, Chronic Focal

Intestine Small

Ileum

Regeneration, Incomplete

Kidney

Nephropathy

Liver

Cirrhosis, Portal

Lung

Hemorrhage

Salivary gland

Atrophy, Nos

Unspecified

Multiple Organs Nos

Inflammation, Chronic Focal

Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:03

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_282

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel	Aorta Nos	Arteriosclerosis, Nos
	Aorta Nos	Mineralization
Intestine Large	Intestinal Tract	Postmortem Change
Kidney		Nephropathy
Liver	Periportal	Lymphocytic Inflammatory Infiltrate
Lung		Histiocytosis
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Thymus		Involution, Nos
Thyroid	Follicle	Atrophy, Focal
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:03

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_283

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Dilatation, Nos

Heart

Left Atrium Nos

Hemorrhage

Intestine Large

Gastrointestinal Tract

Thrombus, Organized

Intestine Small

Duodenum

Postmortem Change

Kidney

Ulcer, Nos

Liver

Centrilobular

Nephropathy

Pituitary gland

Congestion, Passive

Thymus

Necrosis, Focal

Cytoplasmic Vacuolization

Involution, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_291

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Nephropathy
Liver	Centrilobular	Congestion, Passive Cyst, Nos Necrosis, Focal
Lung	Alveoli	Inflammation, Acute Focal
Prostate		Inflammation, Acute Suppurative
Spleen	Red Pulp	Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_292

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Congestion, Nos
Intestine Small	Ileum	Inflammation, Acute
	Ileum	Regeneration, Incomplete
Lung		Inflammation, Interstitial
Lymph node	Cervical Lymph Node Nos	Hyperplasia, Nos
Seminal vesicle		Retention Of Content
Spleen		Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_293

TRT#: 1
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Mineralization
Kidney	Glomerulus	Amyloidosis
		Nephropathy
Liver		Cyst, Multiple
Pancreas		Lipoidosis
Pituitary gland		Cytoplasmic Vacuolization
Urinary bladder		Hyperplasia, Papillary

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_302

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Heart	Left Atrium Nos	Thrombus, Organized
Kidney		Nephropathy
Liver	Centrilobular	Congestion, Passive
Lung	Alveoli	Histiocytosis
Pancreas		Lipoidosis
Pituitary gland		Cytoplasmic Vacuolization

PRIMARY CAUSE OF DEATH

-

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_303

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart		Endocardiosis
Intestine Large	Gastrointestinal Tract	Inflammation, Nos
Kidney		Nephropathy
Liver		Cirrhosis, Portal
Lymph node		Hyperplasia, Nos
Prostate		Retention Of Content
Seminal vesicle		Retention Of Content
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_311

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Gall bladder		Calculus, Unknown Gross Or Micro
Heart	Myocardium Nos	Inflammation, Focal
Intestine Large	Gastrointestinal Tract	Inflammation, Acute Suppurative
	Gastrointestinal Tract	Postmortem Change
Liver		Cirrhosis, Portal
	Hepatocytes	Necrosis, Nos
Spleen	Red Pulp	Hypoplasia, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_321

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large
Liver

Gastrointestinal Tract
Centrilobular

Lung
Pancreas
Thymus
Thyroid

Follicle

Postmortem Change
Congestion, Passive
Necrosis, Focal
Inflammation, Interstitial
Lipoidosis
Involution, Nos
Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_322

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large
Kidney
Liver
Spleen
Thymus
Unspecified

Gastrointestinal Tract

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

Multiple Organs Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_323

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Aplasia, Hematopoietic
Intestine Large	Gastrointestinal Tract	Postmortem Change
Lung		Emphysema, Nos
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos
Thymus		Involution, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_341

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Amyloidosis
Bone marrow		Congestion, Nos
Intestine Large	Intestinal Tract	Inflammation, Acute
	Intestinal Tract	Postmortem Change
Kidney		Nephropathy
Liver	Centrilobular	Congestion, Nos
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Prostate		Retention Of Content
Seminal vesicle		Retention Of Content

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:03

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_342

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart

Myocardium Nos

Calcification, Nos

Atrium

Inflammation, Chronic

Intestine Large

Intestinal Tract

Thrombus, Mural

Kidney

Postmortem Change

Liver

Nephropathy

Lung

Cirrhosis, Portal

Stomach

Hemorrhage

Unspecified

Multiple Organs Nos

Histiocytosis

Inflammation, Chronic

Acanthosis

Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_343

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

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

PRIMARY CAUSE OF DEATH

-

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_351

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Nephropathy
Liver		Cirrhosis, Portal
		Lymphocytic Inflammatory Infiltrate
Lung		Alveolar Macrophages
		Fibrosis
		Hemorrhage
		Perivasculitis
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:03

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_352

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Cerebellum Nos	Gliosis
Heart		Endocardiosis
Intestine Large	Large Intestine, Colon	Inflammation, Nos
Intestine Small	Ileum	Postmortem Change
Kidney		Infarct, Healed
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Spleen		Cyst, Nos
Thymus		Involution, Nos
Thyroid		Amyloidosis
	Follicle	Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_353

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart		Infection, Bacterial
	Atrium	Thrombosis, Nos
Intestine Large	Gastrointestinal Tract	Inflammation, Acute Suppurative
	Gastrointestinal Tract	Postmortem Change
Kidney		Nephropathy
Liver		Cirrhosis, Portal
		Lymphocytic Inflammatory Infiltrate
Lung		Inflammation, Acute Focal
		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Prostate		Retention Of Content
Seminal vesicle		Retention Of Content
Spleen		Hypoplasia, Lymphoid
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:03

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_361

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis		Aspermatogenesis
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney		Nephropathy
Liver		Congestion, Passive
		Necrosis, Focal
Lung	Alveoli	Inflammation, Acute Suppurative
Testis		Spermatogenic Arrest
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_362

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large

Colon

Inflammation, Nos

Colon

Nematodiasis

Intestine Small

Ileum

Inflammation, Proliferative

Liver

Periportal

Inflammation, Nos

Lymph node

Mesenteric Lymph Node

Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_363

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney		Nephropathy
Liver	Centrilobular	Congestion, Passive
		Necrosis, Focal
Pituitary gland		Cytoplasmic Vacuolization
Thyroid		C-Cell Adenoma
Unspecified	Multiple Organs Nos	Amyloidosis
Urinary bladder		Hyperplasia, Papillary

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_381

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large
Kidney
Lung
Skin

Anus Nos

Abscess, Nos
Nephropathy
Inflammation, Interstitial
Acariasis
Inflammation, Chronic
Involution, Nos
Amyloidosis
Postmortem Change
Inflammation, Chronic

Thymus
Unspecified

Multiple Organs Nos
Multiple Organs Nos

Urinary bladder

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:03

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_382

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Blood vessel	Colic Artery	Thrombosis, Nos
Epididymis		Aspermatogenesis
Intestine Large	Anus Nos	Cyst, Epidermal Inclusion
	Colon	Inflammation, Acute Hemorrhagic
	Gastrointestinal Tract	Inflammation, Suppurative
	Colon	Intussusception
	Colon	Necrosis, Focal
Kidney		Nephropathy
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Pancreas	Islets	Islet-Cell Adenoma
Pituitary gland		Cytoplasmic Vacuolization
Spleen		Hypoplasia, Nos
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	Hyperkeratosis
Testis		Spermatogenic Arrest
Thyroid		C-Cell Adenoma
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:03

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_383

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Gall bladder

Inflammation, Chronic

Mineralization

Heart

Endocardiosis

Intestine Large

Gastrointestinal Tract

Inflammation, Acute Suppurative

Gastrointestinal Tract

Postmortem Change

Kidney

Nephropathy

Liver

Cirrhosis, Portal

Lung

Inflammation, Interstitial

Lymph node

Hyperplasia, Nos

Pancreas

Lipoidosis

Prostate

Retention Of Content

Seminal vesicle

Retention Of Content

Spleen

Hypoplasia, Nos

Unspecified

Multiple Organs Nos

Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_391

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow
Intestine Large

Gastrointestinal Tract
Gastrointestinal Tract

Kidney
Liver
Lung

Congestion, Nos
Inflammation, Acute Suppurative
Postmortem Change
Degeneration, Hydropic
Cirrhosis, Portal
Congestion, Nos
Inflammation, Interstitial
Hyperplasia, Nos
Retention Of Content
Retention Of Content

Lymph node
Prostate
Seminal vesicle

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:03

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_392

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
	Medulla	Hyperplasia, Focal
Epididymis		Cast, Nos
		Oligospermia
Gall bladder		Inflammation, Chronic Focal
Heart	Right Ventricle Nos	Thrombosis, Nos
	Left Atrium Nos	Thrombus, Organized
Kidney		Nephropathy
Liver	Centrilobular	Cirrhosis, Portal
		Congestion, Passive
		Necrosis, Focal
	Kupffer Cell	Pigmentation, Nos
Lung		Inflammation, Interstitial
Testis		Spermatogenic Arrest
Unspecified	Multiple Organs Nos	Amyloidosis
Urinary bladder		Hyperplasia, Papillary
		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_393

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Epididymis		Cortical Adenoma
Intestine Large	Gastrointestinal Tract	Aspermatogenesis
Lung	Alveoli	Postmortem Change
Pancreas	Islets	Congestion, Nos
Pituitary gland		Hyperplasia, Nos
Testis		Cytoplasmic Vacuolization
		Spermatogenic Arrest

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:03

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_403

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Intestinal Tract	Inflammation, Acute
Intestine Small	Ileum	Regeneration, Incomplete
Kidney		Nephropathy
Liver		Cirrhosis, Portal
		Cyst, Multiple
Lung	Alveoli	Congestion, Nos
	Alveoli	Histiocytosis
Lymph node		Hyperplasia, Nos
Pancreas	Islets	Islet-Cell Carcinoma
Unspecified	Multiple Organs Nos	Amyloidosis
Urethra		Inflammation, Acute Suppurative
Urinary bladder		Hyperplasia, Papillary

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:03

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_411

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Epididymis		Aspermatogenesis
Esophagus		Cyst, Nos
Heart	Right Ventricle Nos	Thrombosis, Nos
Kidney	Glomerulus	Amyloidosis
		Nephropathy
Liver	Centrilobular	Congestion, Passive
		Necrosis, Focal
Pancreas	Acinus	Cyst, Nos
		Dilatation, Ducts
		Lipoidosis
Prostate		Inflammation, Acute Suppurative
Seminal vesicle		Inflammation, Acute Suppurative
Skin		Acariasis
		Inflammation, Chronic
Spleen		Hematopoiesis
Testis		Spermatogenic Arrest

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_412

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large
Kidney
Lung

Gastrointestinal Tract

Inflammation, Nos
Nephropathy
Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_413

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Cortical Adenoma
	Medulla	Hyperplasia, Nos
Blood vessel	Colic Artery	Thrombosis, Nos
Intestine Large	Large Intestine, Colon	Inflammation, Acute
	Colon	Intussusception
	Large Intestine, Colon	Necrosis, Nos
Kidney		Nephropathy
Liver	Centrilobular	Congestion, Passive
Pituitary gland		Cytoplasmic Vacuolization
Thyroid		Cyst, Colloid
Unspecified	Multiple Organs Nos	Amyloidosis
Urinary bladder		Hyperplasia, Papillary

PRIMARY CAUSE OF DEATH

-

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_421

TRT#: 1
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Cortical Carcinoma
	Medulla	Hyperplasia, Focal
Kidney		Nephropathy
Liver		Cirrhosis, Portal
		Cyst, Multiple
	Bile Duct	Dilatation, Nos
Lung	Alveoli	Histiocytosis
Lymph node	Cervical Lymph Node Nos	Hyperplasia, Nos
Pancreas	Islets	Islet-Cell Adenoma
		Lipoidosis
Pituitary gland		Cytoplasmic Vacuolization
Spleen		Hyperplasia, Lymphoid
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_423

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Heart	Left Atrium Nos	Thrombosis, Nos
Kidney		Nephropathy
Liver	Centrilobular	Congestion, Passive
	Bile Duct	Dilatation, Nos
		Necrosis, Focal
Pancreas		Lipoidosis
Unspecified	Multiple Organs Nos	Amyloidosis
Urinary bladder		Hyperplasia, Papillary

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:03

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_431

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Focal
Intestine Large	Colon	Intussusception
Kidney		Nephropathy
	Pelvis	Nephrosis, Hydro
Liver		Cirrhosis, Portal
Thymus		Involution, Nos
Thyroid	Follicle	Atrophy, Focal
Unspecified	Multiple Organs Nos	Amyloidosis
Urinary bladder		Hyperplasia, Papillary

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_432

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large
Kidney

Colon

Spleen

Urethra

Intussusception
Glomerulonephritis, Nos
Nephrosis, Hydro
Amyloidosis
Hypoplasia, Nos
Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_433

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Congestion, Nos
Epididymis		Aspermatogenesis
Intestine Large	Gastrointestinal Tract	Inflammation, Suppurative
	Gastrointestinal Tract	Postmortem Change
Kidney		Nephropathy
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Prostate		Retention Of Content
Seminal vesicle		Retention Of Content
Spleen		Atrophy, Nos
	Red Pulp	Hematopoiesis
Testis		Hyperplasia, Interstitial Cell
		Spermatogenic Arrest
Thymus		Involution, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:03

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_441

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Mucosa, Colon

Cyst, Nos

Mucosa, Colon

Hyperplasia, Focal

Colon

Inflammation, Chronic

Kidney

Nephropathy

Liver

Cloudy Swelling

Congestion, Nos

Lung

Hemorrhage

Bronchus

Hyperplasia, Epithelial

Inflammation, Chronic Focal

Parathyroid gland

Hyperplasia, Nos

Stomach

Cardiac Stomach

Acanthosis

Cardiac Stomach

Hyperkeratosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:03

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_442

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow		Congestion, Nos
Epididymis		Abscess, Nos
Intestine Large	Intestinal Tract	Inflammation, Acute Suppurative
Kidney		Nephropathy
Liver		Cirrhosis, Portal
		Inflammation, Acute Necrotizing
Lung		Inflammation, Acute Suppurative
Spleen		Hypoplasia, Nos
Testis		Abscess, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Urinary bladder		Inflammation, Proliferative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_443

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis

Aspermatogenesis

Intestine Large

Intestinal Tract

Inflammation, Nos

Kidney

Postmortem Change

Liver

Nephropathy

Kupffer Cell

Cirrhosis, Portal

Spleen

Pigmentation, Nos

Thymus

Hypoplasia, Nos

Unspecified

Multiple Organs Nos

Involution, Nos

Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:03

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_451

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow		Congestion, Nos
Intestine Large	Colon	Inflammation, Acute Diffuse
Intestine Small	Ileum	Inflammation, Acute
Kidney	Glomerulus	Amyloidosis
		Nephropathy
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Prostate		Retention Of Content
Seminal vesicle		Retention Of Content
Spleen	Red Pulp	Hematopoiesis
	Red Pulp	Hyperplasia, Nos
		Hypoplasia, Lymphoid

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_452

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large

Cortex Nos
Intestinal Tract
Intestinal Tract

Lymph node
Pancreas
Pituitary gland
Thymus
Thyroid

Follicle

Amyloidosis
Inflammation, Nos
Postmortem Change
Hyperplasia, Nos
Lipoidosis
Hyperplasia, Nos
Involution, Nos
Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_453

TRT#: 1
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis		Aspermatogenesis
Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney		Nephropathy
Liver		Cirrhosis, Portal
Pituitary gland		Cytoplasmic Vacuolization
Spleen		Hypoplasia, Nos
Testis		Spermatogenic Arrest
Unspecified	Multiple Organs Nos	Amyloidosis
Urinary bladder		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:03

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_011

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Small

Jejunum

Postmortem Change

Kidney

Postmortem Change

Lung

Congestion, Nos

Testis

Spermatogenic Arrest

Thyroid

Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:03

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_012

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Epididymis		Aspermatogenesis
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney		Nephropathy
Liver		Cirrhosis, Portal
Lung		Pneumonia, Interstitial Chronic
Seminal vesicle		Abscess, Nos
Spleen		Hypoplasia, Nos
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	Hyperkeratosis
Testis		Hyperplasia, Interstitial Cell
		Spermatogenic Arrest
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_013

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortical Adenoma

Intestine Large

Gastrointestinal Tract

Postmortem Change

Kidney

Postmortem Change

Liver

Nephropathy

Cirrhosis, Portal

Lymph node

Hepatic Lobule

Lymphocytic Inflammatory Infiltrate

Pancreas

Hyperplasia, Nos

Skin

Circumanal Gland

Lipoidosis

Thymus

Inflammation, Nos

Unspecified

Multiple Organs Nos

Involution, Nos

Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:03

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_021

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cortical Adenoma

Blood vessel

Brachioceph. Artery

Hyperplasia, Focal

Heart

Left Atrium Nos

Embolism, Nos

Intestine Large

Intestinal Tract

Thrombus, Organized

Kidney

Gastrointestinal Tract

Inflammation, Acute

Liver

Glomerulus

Postmortem Change

Stomach

Centrilobular

Amyloidosis

Nephropathy

Congestion, Passive

Cyst, Nos

Inflammation, Acute Focal

Acanthosis

Hyperkeratosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_022

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Cortical Carcinoma
Intestine Large	Colon	Intussusception
Kidney		Nephropathy
Liver		Cyst, Multiple
Lung		Inflammation, Interstitial
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	Hyperkeratosis

PRIMARY CAUSE OF DEATH

-

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_023

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Cortical Adenoma Hyperplasia, Focal
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Cecum, Colon	Inflammation, Acute Suppurative
Kidney	Cortex	Abscess, Nos Nephropathy
Liver	Centrilobular	Abscess, Nos Congestion, Passive Degeneration, Hydropic
Lymph node	Bile Duct	Dilatation, Nos
Prostate	Colo-Rectal Lymph Node	Hyperplasia, Nos
Seminal vesicle		Inflammation, Chronic
Skin		Inflammation, Chronic
Spleen		Hypoplasia, Lymphoid
Stomach	Cardiac Stomach	Acanthosis
Testis	Cardiac Stomach	Hyperkeratosis
Unspecified	Multiple Organs Nos	Hyperplasia, Interstitial Cell
Urinary bladder		Spermatogenic Arrest Amyloidosis Hyperplasia, Papillary

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_031

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Kidney		Nephropathy
Lung		Inflammation, Interstitial
Pancreas		Lipoidosis
Spleen		Hypoplasia, Lymphoid
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_032

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large
Kidney
Liver

Intestinal Tract

Bile Duct
Hepatic Lobule
Mesenteric Lymph Node

Lymph node
Pancreas
Pituitary gland
Unspecified

Multiple Organs Nos

Postmortem Change
Nephropathy
Inflammation, Nos
Necrosis, Focal
Hyperplasia, Nos
Lipoidosis
Cytoplasmic Vacuolization
Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_033

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Heart	Left Atrium Nos	Thrombus, Organized
Kidney		Nephropathy
Lung	Alveoli	Histiocytosis
Pancreas		Lipoidosis
Stomach	Fundus	Erosion
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_041

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Epididymis		Aspermatogenesis
Kidney		Nephropathy
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Prostate		Retention Of Content
Seminal vesicle		Retention Of Content
Testis		Spermatogenic Arrest
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_042

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Mitral Valve Nos	Inflammation, Proliferative
Intestine Large	Rectum	Abscess, Nos
Kidney		Nephropathy
Liver		Cirrhosis, Portal
Lymph node	Cervical Lymph Node Nos	Hyperplasia, Nos
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_043

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland Epididymis	Medulla	Hyperplasia, Focal Aspermatogenesis Spermatocoele
Intestine Large Kidney Liver	Anus Nos Centrilobular Bile Duct	Persistent Cloaca Nephropathy Congestion, Passive Dilatation, Nos
Lung Spleen Testis	Alveoli	Histiocytosis Hematopoiesis Atrophy, Nos Spermatogenic Arrest
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_051

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Gall bladder		Calculus, Unknown Gross Or Micro
Intestine Large	Intestinal Tract	Inflammation, Acute Diffuse
Kidney		Glomerulonephritis, Acute
Liver	Portal Tract	Lymphocytic Inflammatory Infiltrate
Lung		Congestion, Nos
Lymph node		Hyperplasia, Nos
Prostate		Retention Of Content
Seminal vesicle		Retention Of Content
Spleen		Hypoplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_052

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Hyperplasia, Focal
Heart	Left Atrium Nos	Thrombus, Organized
Lung	Alveoli	Histiocytosis
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	Hyperkeratosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_061

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Heart	Atrium	Thrombus, Mural
Intestine Small	Jejunum	Postmortem Change
Kidney		Inflammation, Chronic
Lung		Alveolar Macrophages
		Inflammation, Chronic
Urinary bladder		Inflammation, Chronic

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_062

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Intestine Large	Colon	Postmortem Change
Intestine Small	Ileum	Inflammation, Chronic
Kidney		Nephropathy
Liver		Hemosiderosis
Skin		Hyperkeratosis
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_063

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Epididymis		Granuloma, Spermatic
Heart	Left Atrium Nos	Thrombus, Organized
Kidney	Cortex	Abscess, Nos
		Nephropathy
Liver		Cirrhosis, Portal
		Cyst, Multiple
		Cytoplasmic Vacuolization
	Kupffer Cell	Pigmentation, Nos
Lung	Alveoli	Histiocytosis
Pancreas		Dilatation, Ducts
Pituitary gland		Cytoplasmic Vacuolization
Seminal vesicle		Inflammation, Chronic Focal
Skin	Circumanal Gland	Inflammation, Chronic
		Inflammation, Chronic
Spleen		Hypoplasia, Lymphoid
Testis		Hyperplasia, Interstitial Cell
		Spermatogenic Arrest
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_071

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Heart	Atrium	Thrombus, Mural
Kidney		Nephropathy
Liver		Cirrhosis, Portal
		Necrosis, Focal
Lung		Alveolar Macrophages
		Histiocytosis
Urinary bladder		Cyst, Nos

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_072

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Cortical Adenoma
Liver	Centrilobular	Congestion, Passive Necrosis, Focal
Lung	Alveoli	Histiocytosis
Pancreas		Lipoidosis
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	Hyperkeratosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_073

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Small
Kidney
Lung
Thyroid

Jejunum

Alveoli

Postmortem Change
Postmortem Change
Congestion, Nos
Cyst, Colloid

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_081

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Glomerulus	Amyloidosis Nephropathy
Lung		Inflammation, Interstitial
Pituitary gland		Cytoplasmic Vacuolization
Unspecified	Multiple Organs Nos	Postmortem Change

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_082

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland		Cortical Adenoma
Epididymis		Aspermatogenesis
Kidney		Nephropathy
Liver	Centrilobular	Congestion, Passive
		Necrosis, Focal
Lung	Alveoli	Histiocytosis
Lymph node	Cervical Lymph Node Nos	Hyperplasia, Nos
Pituitary gland		Cytoplasmic Vacuolization
Spleen		Hematopoiesis
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	Hyperkeratosis
	Cardiac Stomach	Hyperplasia, Papillary
Testis		Hyperplasia, Interstitial Cell
		Spermatogenic Arrest
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_091

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Aplasia, Hematopoietic
Lymph node	Colo-Rectal Lymph Node	Hyperplasia, Nos
	Mesenteric Lymph Node	Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Postmortem Change

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_093

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Cortical Carcinoma
Bone marrow		Aplasia, Hematopoietic
Intestine Large	Intestinal Tract	Postmortem Change
Kidney		Nephropathy
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos
Pancreas		Lipoidosis
Thymus		Involution, Nos
Thyroid	Follicle	Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_101

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large

Colon
Intestinal Tract

Intussusception
Postmortem Change
Nephropathy
Cirrhosis, Portal
Postmortem Change
Hypoplasia, Nos
Amyloidosis

Kidney

Liver

Pancreas

Spleen

Unspecified

Multiple Organs Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_102

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis		Aspermatogenesis
Kidney		Nephropathy
Liver	Portal Tract	Lymphocytic Inflammatory Infiltrate
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Prostate		Retention Of Content
Seminal vesicle		Retention Of Content
Testis		Spermatogenic Arrest

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_103

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Seminal vesicle
Skeletal muscle
Unspecified

Multiple Organs Nos
Multiple Organs Nos

Retention Of Content
Fibrosarcoma
Amyloidosis
Postmortem Change

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_111

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Epididymis

Heart

Intestine Large

Kidney

Liver

Pancreas

Testis

Unspecified

Left Ventricle Nos

Mitral Valve Nos

Gastrointestinal Tract

Multiple Organs Nos

Aspermatogenesis

Embolism, Nos

Inflammation, Chronic

Postmortem Change

Nephropathy

Cirrhosis, Portal

Cytoplasmic Vacuolization

Lipoidosis

Spermatogenic Arrest

Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_112

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Bone marrow

Heart

Intestine Large

Kidney

Liver

Lymph node

Pancreas

Spleen

Stomach

Thymus

Myocardium Nos

Left Atrium Nos

Intestinal Tract

Centrilobular

Red Pulp

Cardiac Stomach

Cortical Adenoma

Hyperplasia, Erythroid

Metaplasia, Osseous

Thrombus, Organized

Inflammation, Nos

Nephropathy

Congestion, Passive

Necrosis, Focal

Hyperplasia, Nos

Lipoidosis

Hypoplasia, Nos

Hyperkeratosis

Involution, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_113

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large
Kidney
Liver
Lymph node

Pancreas
Spleen
Thyroid
Unspecified

Cortex Nos
Gastrointestinal Tract

Centrilobular

Red Pulp
Follicle
Multiple Organs Nos

Hyperplasia, Focal
Postmortem Change
Nephropathy
Congestion, Passive
Hyperplasia, Nos
Postmortem Change
Lipoidosis
Hypoplasia, Nos
Atrophy, Nos
Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_121

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Intestine Large	Colon	Hyperplasia, Focal
	Cecum, Colon	Inflammation, Chronic
	Intestinal Tract	Postmortem Change
Kidney		Nephropathy
Liver		Cirrhosis, Portal
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Seminal vesicle		Inflammation, Chronic Focal
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_122

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Endocardiosis
Intestine Large	Intestinal Tract	Inflammation, Diffuse
	Gastrointestinal Tract	Postmortem Change
Kidney		Glomerulonephritis, Chronic
Liver		Cirrhosis, Portal
	Portal Tract	Lymphocytic Inflammatory Infiltrate
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Skin		Ulcer, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_123

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Gastrointestinal Tract	Postmortem Change
Pancreas		Lipoidosis
Prostate		Retention Of Content
Thyroid	Follicle	Atrophy, Nos
Unspecified	Multiple Organs Nos	Leukemia, Granulocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_131

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large	Intestinal Tract	Postmortem Change
Liver	Centrilobular	Congestion, Passive
Lung	Alveoli	Histiocytosis
Pancreas		Lipoidosis
Thymus		Involution, Nos
Thyroid	Follicle	Atrophy, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_132

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Cortical Adenoma
Intestine Large	Colon	Inflammation, Chronic Suppurative
Kidney		Amyloidosis
		Nephropathy
Liver	Centrilobular	Congestion, Passive
Lung		Alveolar Macrophages
	Alveoli	Histiocytosis
Spleen		Atrophy, Nos
Testis		Degeneration, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_133

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large
Kidney
Liver

Cecum, Colon

Hyperplasia, Epithelial
Nephropathy
Cloudy Swelling
Degeneration, Hydropic
Bronchopneumonia Necrotizing

Lung
Pancreas
Testis
Unspecified

Islets

Islet-Cell Adenoma
Degeneration, Nos
Amyloidosis

Multiple Organs Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_141

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney		Nephropathy
Liver		Cirrhosis, Portal
Lung		Pneumonia, Interstitial Chronic
Seminal vesicle		Calcification, Focal
Testis		Degeneration, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_143

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Epididymis		Inflammation, Chronic
Intestine Small	Ileum	Inflammation, Chronic
Kidney		Nephropathy
Liver		Cirrhosis, Portal
Seminal vesicle		Inflammation, Chronic Suppurative
Testis		Spermatogenic Arrest
Thymus		Hemorrhage
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_151

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Infarct, Nos
Liver	Hepatic Lobule	Abscess, Nos
		Necrosis, Focal
Pancreas		Lipoidosis
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_152

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Testis

Spermatogenic Arrest

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_153

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Liver

Cortex Nos

Hyperplasia, Nos
Nephropathy
Cirrhosis, Portal
Cyst, Nos
Acanthosis
Degeneration, Nos
Amyloidosis

Stomach
Testis
Unspecified

Multiple Organs Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_161

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Gall bladder		Edema, Nos
Heart	Left Atrium Nos	Thrombus, Organized
Kidney	Glomerulus	Amyloidosis
		Nephropathy
	Pelvis	Nephrosis, Hydro
Liver	Centrilobular	Congestion, Passive
		Cyst, Multiple
		Necrosis, Focal
Lung		Inflammation, Interstitial
Pancreas		Lipoidosis
Pituitary gland		Cytoplasmic Vacuolization

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_162

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large
Intestine Small
Kidney
Liver
Lymph node
Testis

Intestinal Tract
Duodenum

Mesenteric Lymph Node

Inflammation, Nos
Postmortem Change
Nephropathy
Necrosis, Focal
Amyloidosis
Abscess, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_163

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung
Unspecified

Multiple Organs Nos

Congestion, Nos
Postmortem Change

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_171

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis		Aspermatogenesis
Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney		Nephropathy
Liver		Cirrhosis, Portal
Lung	Bronchus	Bronchiectasis
		Hemorrhage
		Mineralization
Skin		Acariasis
		Inflammation, Chronic
Spleen		Hypoplasia, Nos
Testis		Spermatogenic Arrest
Unspecified		Abscess, Nos
	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_172

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Congestion, Nos
Epididymis		Aspermatogenesis
Intestine Large	Intestinal Tract	Inflammation, Acute Diffuse
Intestine Small	Peyers Patch	Hyperplasia, Nos
Kidney		Glomerulonephritis, Acute
		Nephropathy
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Pancreas	Duct Nos	Hyperplasia, Nos
Testis		Spermatogenic Arrest
Urinary bladder		Edema, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_173

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Lymph node
Thymus

Cervical Lymph Node Nos

Infarct, Nos
Hyperplasia, Nos
Involution, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_181

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large
Lung

Cecum, Colon
Alveoli

Postmortem Change
Hemorrhage
Histiocytosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_182

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis		Aspermatogenesis
		Mineralization
Intestine Large	Colon	Nematodiasis
Kidney		Nephropathy
Liver	Centrilobular	Congestion, Passive
Lymph node		Hyperplasia, Nos
Testis		Spermatogenic Arrest
Unspecified	Multiple Organs Nos	Amyloidosis
	Multiple Organs Nos	Atrophy, Nos
	Multiple Organs Nos	Postmortem Change

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_183

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney		Nephropathy
Liver	Portal Tract	Amyloidosis Cirrhosis, Portal Cyst, Multiple Hyperplasia, Nos
Lymph node		Lipoidosis
Pancreas		Cytoplasmic Vacuolization
Pituitary gland		Hypoplasia, Nos
Spleen	Red Pulp	Involution, Nos
Thymus		Amyloidosis
Unspecified	Multiple Organs Nos	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_191

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Serosa, Colon

Abscess, Nos

Kidney

Colon

Inflammation, Nos

Liver

Portal Tract

Nephropathy

Lung

Bile Duct

Amyloidosis

Testis

Hyperplasia, Nos

Unspecified

Shoulder

Congestion, Nos

Spermatogenic Arrest

Multiple Organs Nos

Abscess, Nos

Postmortem Change

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_192

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Congestion, Nos
Epididymis		Granuloma, Spermatic
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Cecum, Colon	Abscess, Nos
	Rectum	Abscess, Nos
	Cecum, Colon	Inflammation, Focal
Intestine Small	Ileum	Regeneration, Incomplete
Kidney		Nephropathy
Liver		Cirrhosis, Portal
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Stomach	Cardiac Stomach	Hyperkeratosis
Testis		Spermatogenic Arrest
Thymus		Involution, Nos
Thyroid	Follicle	Atrophy, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Urinary bladder		Hyperplasia, Papillary

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_193

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis		Aspermatogenesis
Intestine Large	Intestinal Tract	Postmortem Change
Kidney		Nephropathy
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Pancreas		Dilatation, Ducts
		Lipoidosis
Spleen		Hypoplasia, Nos
Testis		Spermatogenic Arrest
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_201

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Heart	Left Atrium Nos	Thrombus, Organized
Kidney	Glomerulus	Amyloidosis
		Nephropathy
Seminal vesicle		Inflammation, Chronic
Skin		Inflammation, Chronic
Spleen		Hypoplasia, Lymphoid
Unspecified		Edema, Nos

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_202

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large
Kidney

Gastrointestinal Tract
Glomerulus

Postmortem Change
Amyloidosis
Nephropathy
Lipoidosis
C-Cell Adenoma

Pancreas
Thyroid

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_203

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Hemorrhage
Esophagus		Hyperkeratosis
Intestine Small	Ileum	Postmortem Change
Kidney		Nephropathy
Liver	Hepatic Lobule	Necrosis, Focal
Pancreas		Lipoidosis
Thymus		Involution, Nos

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_211

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large
Lymph node
Pancreas
Thyroid

Gastrointestinal Tract
Mesenteric Lymph Node
Follicle

Cortical Adenoma
Postmortem Change
Hyperplasia, Nos
Lipoidosis
Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_212

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Blood vessel	Coronary Artery Nos	Arteriosclerosis, Nos
Kidney		Nephropathy
Liver	Centrilobular	Congestion, Passive
Lung	Alveoli	Histiocytosis
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Pituitary gland		Cytoplasmic Vacuolization
Thymus		Involution, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_213

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Nephropathy
Liver	Centrilobular	Congestion, Passive Necrosis, Focal
Pancreas		Lipoidosis
Prostate		Inflammation, Acute Suppurative
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	Hyperkeratosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_221

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Heart	Mitral Valve Nos	Inflammation, Proliferative
Intestine Large	Intestinal Tract	Postmortem Change
Kidney		Nephropathy
Liver		Cirrhosis, Portal
Lymph node	Colo-Rectal Lymph Node	Hyperplasia, Nos
Pancreas		Lipoidosis
Spleen		Hemorrhage
Thymus		Hypoplasia, Nos
Unspecified	Multiple Organs Nos	Involution, Nos
		Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_222

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Postmortem Change
Liver	Bile Duct	Inflammation, Nos
Skin		Inflammation, Nos
Spleen		Hematopoiesis
Urinary bladder		Degeneration, Hydropic

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_223

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large
Spleen
Testis
Unspecified
Urinary bladder

Colon

Multiple Organs Nos

Inflammation, Nos
Hypoplasia, Lymphoid
Aspermatogenesis
Postmortem Change
Ulcer, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_231

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
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		Nephropathy
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Pituitary gland		Cytoplasmic Vacuolization
		Degeneration, Hyaline
Spleen	Red Pulp	Cyst, Hemorrhagic
		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_232

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain		Gliosis
Epididymis		Aspermatogenesis
Heart	Left Ventricle Nos	Thrombus, Organized
Kidney	Pelvis	Mineralization
		Nephropathy
Liver		Cirrhosis, Portal
Lymph node		Hyperplasia, Nos
Spleen		Hypoplasia, Nos
Stomach	Cardiac Stomach	Hyperkeratosis
Testis		Spermatogenic Arrest
Unspecified	Multiple Organs Nos	Amyloidosis
	Multiple Organs Nos	Postmortem Change

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_233

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cortical Adenoma

Heart

Left Atrium Nos

Hyperplasia, Focal

Intestine Large

Gastrointestinal Tract

Thrombus, Organized

Kidney

Postmortem Change

Liver

Bile Duct

Nephropathy

Lung

Dilatation, Nos

Lymph node

Mesenteric Lymph Node

Inflammation, Interstitial

Pancreas

Hyperplasia, Nos

Pituitary gland

Lipoidosis

Thyroid

Cytoplasmic Vacuolization

Unspecified

Multiple Organs Nos

Cyst, Colloid

Urinary bladder

Amyloidosis

Hyperplasia, Papillary

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_241

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Cortical Adenoma
Intestine Large	Cecum, Colon	Nematodiasis
Kidney	Glomerulus	Amyloidosis
		Nephropathy
Liver		Cyst, Multiple
Lung	Alveoli	Histiocytosis
Pancreas		Lipoidosis
Prostate		Hyperplasia, Epithelial
Thymus		Involution, Nos
Thyroid	Follicle	Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_243

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large
Kidney
Liver
Spleen
Stomach

Cecum, Colon

Submucosa

Ulcer, Nos
Nephropathy
Necrosis, Focal
Hypoplasia, Lymphoid
Hemorrhage
Ulcer, Nos
Amyloidosis

Unspecified

Multiple Organs Nos

PRIMARY CAUSE OF DEATH

-

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_251

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis		Aspermatogenesis
Gall bladder		Inflammation, Acute Suppurative
Heart	Left Atrium Nos	Thrombus, Organized
Kidney		Nephropathy
Liver		Cirrhosis, Portal
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Seminal vesicle		Retention Of Content
Spleen		Hypoplasia, Nos
Testis		Spermatogenic Arrest
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_252

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Intestine Large	Colon	Inflammation, Pyogranulomatous
	Colon	Nematodiasis
	Intestinal Tract	Postmortem Change
Kidney		Nephropathy
Liver	Centrilobular	Congestion, Passive
		Necrosis, Focal
Lung		Inflammation, Interstitial
Pancreas		Lipoidosis
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_253

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis		Abscess, Nos Aspermatogenesis
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney		Nephropathy
Liver	Centrilobular	Congestion, Passive Cyst, Multiple
Lung	Alveoli	Histiocytosis
Lymph node		Hyperplasia, Nos
Prostate		Inflammation, Acute Suppurative
Seminal vesicle		Abscess, Nos Inflammation, Acute Suppurative
Spleen		Hematopoiesis Hyperplasia, Reticulum Cell
Stomach	Cardiac Stomach Cardiac Stomach	Acanthosis Hyperkeratosis
Testis		Hyperplasia, Interstitial Cell Spermatogenic Arrest
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_261

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Blood vessel	Abdominal Aorta	Periarteritis
Epididymis		Granuloma, Spermatic
		Inflammation, Acute
Heart	Myocardium Nos	Fibrosis, Focal
	Myocardium Nos	Inflammation, Acute Focal
	Mitral Valve Nos	Inflammation, Chronic
		Periarteritis
Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney		Nephropathy
Liver		Cirrhosis, Portal
		Necrosis, Focal
Lung		Inflammation, Interstitial
Seminal vesicle		Inflammation, Chronic Focal
Spleen		Hypoplasia, Nos
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	Hyperkeratosis
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_262

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney

Cortex Nos
Glomerulus

Hyperplasia, Focal
Amyloidosis
Nephropathy
Congestion, Nos
Cytoplasmic Vacuolization
Involution, Nos

Lung
Pituitary gland
Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_263

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal Pheochromocytoma
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Pituitary gland		Cytoplasmic Vacuolization
Thymus		Involution, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_271

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Atrophy, Pressure Cortical Adenoma
Bone marrow		Aplasia, Hematopoietic
Epididymis		Granuloma, Spermatic
Gall bladder		Inflammation, Acute
Intestine Large	Rectum	Inflammation, Acute Focal
	Intestinal Tract	Inflammation, Acute Suppurative
	Cecum, Colon	Ulcer, Acute
	Colon	Ulcer, Focal
Kidney		Nephropathy
Liver	Centrilobular	Congestion, Passive
	Bile Duct	Inflammation, Nos
Lung		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos
Pancreas		Lipoidosis
Seminal vesicle		Retention Of Content
Thymus		Involution, Nos
Thyroid		Atrophy, Focal
Unspecified		Abscess, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_272

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Epididymis

Cortex Nos

Hyperplasia, Nos

Abscess, Nos

Aspermatogenesis

Intestine Large

Intestinal Tract

Postmortem Change

Kidney

Cortex

Adenoma, Nos

Liver

Cirrhosis, Portal

Lung

Inflammation, Interstitial

Lymph node

Cervical Lymph Node Nos

Hyperplasia, Nos

Pancreas

Lipoidosis

Prostate

Inflammation, Acute

Seminal vesicle

Inflammation, Proliferative

Stomach

Cardiac Stomach

Hyperkeratosis

Testis

Atrophy, Nos

Thymus

Spermatogenic Arrest

Unspecified

Multiple Organs Nos

Involution, Nos

Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_273

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large
Kidney

Lung

Cortex Nos
Gastrointestinal Tract
Glomerulus

Hyperplasia, Focal
Postmortem Change
Amyloidosis
Nephropathy
Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_281

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large
Intestine Small
Kidney

Cortex Nos
Intestinal Tract
Intestinal Villus, Ileum

Lymphocytic Inflammatory Infiltrate
Inflammation, Chronic
Regeneration, Incomplete
Nephropathy
Nephrosis, Hydro

Liver

Bile Duct

Inflammation, Acute Suppurative
Inflammation, Acute Suppurative

Testis

Unspecified

Urinary bladder

Multiple Organs Nos

Spermatogenic Arrest
Amyloidosis
Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_282

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel	Colic Artery	Thrombosis, Nos
Epididymis		Granuloma, Spermatic
Intestine Large	Large Intestine, Colon	Inflammation, Acute
	Colon	Intussusception
	Large Intestine, Colon	Necrosis, Nos
Kidney	Glomerulus	Amyloidosis
		Nephropathy
Lung		Emphysema, Nos
Skin		Acariasis
		Inflammation, Chronic
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	Hyperkeratosis
Testis		Atrophy, Nos
		Spermatogenic Arrest

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_283

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Bone marrow
Epididymis
Intestine Large
Kidney
Lung
Pituitary gland
Spleen
Testis

Cortex Nos

Cecum, Colon

Follicle

Amyloidosis
Aplasia, Hematopoietic
Aspermatogenesis
Postmortem Change
Nephropathy
Inflammation, Interstitial
Cytoplasmic Vacuolization
Hemorrhage
Hyperplasia, Interstitial Cell
Spermatogenic Arrest
Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_291

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Kidney		Nephropathy
Liver	Centrilobular	Congestion, Passive
		Necrosis, Focal
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Unspecified	Multiple Organs Nos	Postmortem Change

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_292

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart
Kidney

Base Of Heart
Glomerulus

Periarteritis
Amyloidosis
Nephropathy
Congestion, Passive
Cyst, Multiple
Necrosis, Focal
Histiocytosis
Lipoidosis

Liver

Centrilobular

Lung
Pancreas

Alveoli

PRIMARY CAUSE OF DEATH

-

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_293

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Pheochromocytoma
Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney		Nephropathy
Liver	Centrilobular	Congestion, Passive
Lung	Alveoli	Histiocytosis
Pancreas		Lipoidosis
Pituitary gland		Cytoplasmic Vacuolization
Spleen		Hematopoiesis
Thyroid	Follicle	Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_301

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis Cortical Carcinoma
Kidney		Nephropathy
Liver	Centrilobular	Congestion, Passive Necrosis, Focal
Lung	Alveoli	Histiocytosis

PRIMARY CAUSE OF DEATH

-

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_302

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large
Kidney
Lung
Prostate
Testis
Unspecified

Cecum, Colon

Multiple Organs Nos

Ulcer, Nos
Nephropathy
Thrombosis, Nos
Inflammation, Nos
Abscess, Nos
Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_311

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Intestinal Tract

Inflammation, Suppurative

Lung

Gastrointestinal Tract

Postmortem Change

Lymph node

Inflammation, Interstitial

Pancreas

Hyperplasia, Nos

Prostate

Lipoidosis

Seminal vesicle

Retention Of Content

Spleen

Retention Of Content

Testis

Amyloidosis

Hypoplasia, Nos

Granuloma, Nos

Infarct, Nos

Mineralization

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_312

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Epididymis
Intestine Large

Gastrointestinal Tract
Gastrointestinal Tract

Lung
Pancreas
Prostate
Seminal vesicle
Testis
Urethra

Bulbourethral Gland

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

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_313

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large

Cecum, Colon
Gastrointestinal Tract

Lung
Lymph node

Colo-Rectal Lymph Node
Mesenteric Lymph Node

Pancreas
Prostate
Seminal vesicle
Stomach

Lipoidosis
Abscess, Nos
Inflammation, Acute
Inflammation, Interstitial
Hyperplasia, Nos
Steatitis
Lipoidosis
Retention Of Content
Retention Of Content
Ulcer, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_321

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Kidney		Nephropathy
Unspecified	Multiple Organs Nos	Amyloidosis
	Multiple Organs Nos	Postmortem Change

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_322

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Cortical Adenoma
Epididymis		Aspermatogenesis
Heart	Left Atrium Nos	Thrombus, Organized
Kidney		Nephropathy
Liver	Centrilobular	Congestion, Passive
		Cyst, Nos
		Cytoplasmic Vacuolization
Pancreas		Lipoidosis
Pituitary gland		Cytoplasmic Vacuolization
Testis		Spermatogenic Arrest
Thyroid		Cyst, Colloid

PRIMARY CAUSE OF DEATH

-

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_323

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Lung
Pancreas
Pituitary gland

Cortex Nos

Hyperplasia, Focal
Inflammation, Interstitial
Lipoidosis
Cytoplasmic Vacuolization

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_331

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart
Intestine Large

Myocardium Nos
Large Intestine, Colon
Gastrointestinal Tract

Kidney
Liver
Lung
Lymph node
Unspecified

Multiple Organs Nos

Fibrosis
Abscess, Nos
Postmortem Change
Nephropathy
Hepatocytomegaly
Inflammation, Interstitial
Hyperplasia, Nos
Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_332

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Dilatation, Nos
Epididymis		Oligospermia
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Small	Ileum	Inflammation, Hemorrhagic
Kidney		Nephropathy
Liver		Cirrhosis, Portal
Lung	Alveoli	Histiocytosis
Lymph node	Cervical Lymph Node Nos	Hyperplasia, Nos
Pituitary gland		Cytoplasmic Vacuolization
Testis		Spermatogenic Arrest
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_333

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Cortical Carcinoma
Heart	Atrium	Thrombus, Mural
Intestine Large	Colon	Inflammation, Chronic Focal
Liver	Centrilobular	Cloudy Swelling
		Congestion, Nos
Lung		Alveolar Macrophages
		Histiocytosis
Seminal vesicle		Calcification, Nos
		Necrosis, Focal
		Retention Of Content
Skin		Acanthosis
		Hyperkeratosis
Spleen		Atrophy, Nos
Testis		Aspermatogenesis
		Degeneration, Nos
Thyroid	Follicle	Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_341

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Kidney		Nephropathy
Liver		Cyst, Multiple
Lung	Alveoli	Histiocytosis
Pancreas	Islets	Islet-Cell Adenoma
		Lipoidosis
Parathyroid gland		Hyperplasia, Nos
Pituitary gland		Cytoplasmic Vacuolization
Skin		Inflammation, Acute Focal
Stomach	Cardiac Stomach	Metaplasia, Squamous
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_342

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
	Atrium	Thrombus, Mural
Intestine Large	Cecum, Colon	Congestion, Nos
	Gastrointestinal Tract	Postmortem Change
Kidney	Tubule	Mineralization
Liver		Cirrhosis, Portal
	Centrilobular	Congestion, Nos
	Centrilobular	Necrosis, Nos
Lung	Alveoli	Histiocytosis
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Prostate		Inflammation, Chronic Suppurative
Seminal vesicle		Calcification, Nos
		Inflammation, Chronic
Testis		Spermatogenic Arrest
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_343

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Inflammation, Nos
Liver		Necrosis, Focal
Peritoneum		Inflammation, Nos
Spleen		Hematopoiesis
Stomach	Submucosa	Edema, Nos
	Cardiac Stomach	Hyperplasia, Epithelial
Testis		Aspermatogenesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_351

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Nos

Heart

Myocardium Nos

Inflammation, Chronic

Atrium

Thrombus, Mural

Intestine Large

Intestinal Tract

Postmortem Change

Kidney

Nephropathy

Liver

Angiectasis

Lung

Alveoli

Cirrhosis, Portal

Unspecified

Multiple Organs Nos

Histiocytosis

Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_352

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	
Liver	
Lymph node	Cervical Lymph Node Nos
Unspecified	Multiple Organs Nos
	Multiple Organs Nos

Nephropathy
Cirrhosis, Portal
Hyperplasia, Nos
Amyloidosis
Postmortem Change

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_353

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Epididymis		Aspermatogenesis
Heart	Myocardium Nos	Fibrosis, Focal
Intestine Large	Large Intestine, Colon	Inflammation, Pyogranulomatous
Kidney		Nephropathy
Lymph node		Hyperplasia, Nos
Pituitary gland		Cytoplasmic Vacuolization
Spleen		Hypoplasia, Nos
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	Hyperkeratosis
Testis		Spermatogenic Arrest
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_361

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Intestine Large
Liver

Colon

Inflammation, Nos
Hematopoiesis
Necrosis, Focal

Spleen
Stomach

Cardiac Stomach

Hematopoiesis
Hyperkeratosis
Inflammation, Acute

Testis

Ulcer, Focal
Aspermatogenesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_362

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel	Renal Artery Nos	Necrosis, Fibrinoid
Bone marrow		Congestion, Nos
Epididymis		Aspermatogenesis
Intestine Large	Intestinal Tract	Inflammation, Acute Suppurative
Kidney	Glomerulus	Amyloidosis
		Inflammation, Interstitial
Liver		Nephropathy
Lung		Hemangiosarcoma
Lymph node	Colo-Rectal Lymph Node	Inflammation, Interstitial
Prostate		Hyperplasia, Nos
		Inflammation, Chronic
Seminal vesicle		Retention Of Content
Spleen	Red Pulp	Retention Of Content
		Hematopoiesis
Testis		Hyperplasia, Lymphoid
		Spermatogenic Arrest

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_363

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Mucosa, Colon

Congestion, Nos

Kidney

Cecum, Colon

Inflammation, Nos

Liver

Pyelonephritis, Nos

Testis

Hematopoiesis

Urinary bladder

Aspermatogenesis

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_371

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Brain		Postmortem Change
Heart		Fibrosis, Focal
Intestine Large	Cecum, Colon	Inflammation, Nos
	Intestinal Tract	Postmortem Change
Kidney		Nephropathy
Liver	Portal Tract	Amyloidosis
	Bile Duct	Hyperplasia, Nos
Lymph node		Hyperplasia, Nos
Spleen		Hypoplasia, Lymphoid
Testis		Abscess, Nos
		Aspermatogenesis
Unspecified	Diaphragm Nos	Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_372

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Epididymis

Aspermatogenesis

Kidney

Nephropathy

Pancreas

Lipoidosis

Spleen

Hypoplasia, Nos

Unspecified

Multiple Organs Nos

Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_373

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large
Kidney
Liver

Intestinal Tract

Postmortem Change
Nephropathy
Cirrhosis, Portal
Hemorrhage
Necrosis, Nos
Histiocytosis
Hematopoiesis
Amyloidosis

Lung
Spleen
Unspecified

Alveoli

Multiple Organs Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_381

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large
Prostate
Thymus
Thyroid

Cortex Nos
Intestinal Tract

Follicle

Amyloidosis
Postmortem Change
Inflammation, Acute Suppurative
Involution, Nos
Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_382

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Gastrointestinal Tract

Inflammation, Nos

Kidney

Gastrointestinal Tract

Postmortem Change

Lung

Nephropathy

Lymph node

Inflammation, Interstitial

Pancreas

Colo-Rectal Lymph Node

Hyperplasia, Nos

Prostate

Lipoidosis

Seminal vesicle

Retention Of Content

Spleen

Retention Of Content

Unspecified

Multiple Organs Nos

Hematopoiesis

Hypoplasia, Nos

Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_383

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Blood vessel
Intestine Large
Kidney

Ascending Aorta
Gastrointestinal Tract

Liver

Pelvis
Portal Tract

Lung
Pancreas

Islets

Skin
Thymus

Cortical Adenoma
Thrombosis, Nos
Postmortem Change
Glomerulonephritis, Acute
Mineralization
Amyloidosis
Cirrhosis, Portal
Inflammation, Interstitial
Islet-Cell Adenoma
Lipoidosis
Verruca
Involution, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_391

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Gastrointestinal Tract

Postmortem Change

Kidney

Nephropathy

Liver

Cyst, Multiple

Unspecified

Multiple Organs Nos

Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_392

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Abscess, Nos
Epididymis		Aspermatogenesis
Gall bladder		Calculus, Unknown Gross Or Micro
		Necrosis, Nos
Heart		Endocardiosis
	Atrium	Thrombosis, Nos
Intestine Large	Gastrointestinal Tract	Inflammation, Acute Suppurative
	Gastrointestinal Tract	Postmortem Change
Kidney		Nephropathy
Liver	Periportal	Lymphocytic Inflammatory Infiltrate
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Prostate		Inflammation, Acute Suppurative
		Retention Of Content
Seminal vesicle		Inflammation, Nos
		Retention Of Content
Skeletal muscle		Inflammation, Acute Focal
Spleen		Hypoplasia, Nos
Testis		Abscess, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_393

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Congestion, Nos
Epididymis		Aspermatogenesis
Intestine Large	Intestinal Tract	Inflammation, Acute Suppurative
Kidney		Edema, Nos
		Nephropathy
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Prostate		Abscess, Nos
Seminal vesicle		Abscess, Nos
Spleen		Hypoplasia, Lymphoid
Testis		Spermatogenic Arrest
Unspecified	Multiple Organs Nos	Amyloidosis
Urinary bladder		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_401

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Glomerulus	Amyloidosis Nephropathy
Liver		Hemangiosarcoma
Lung		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos
Pancreas		Lipoidosis
Spleen		Hematopoiesis
Thymus		Involution, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_411

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cortical Adenoma

Intestine Large

Rectum

Dilatation, Nos

Liver

Gastrointestinal Tract

Abscess, Nos

Lung

Centrilobular

Postmortem Change

Lymph node

Congestion, Passive

Pancreas

Inflammation, Interstitial

Thymus

Hyperplasia, Nos

Thyroid

Lipoidosis

Follicle

Involution, Nos

Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_412

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
Heart	Atrium	Thrombus, Mural
Kidney		Nephropathy
Liver		Cirrhosis, Portal
		Congestion, Nos
Lung	Alveoli	Histiocytosis
		Periarteritis
Pancreas	Islets	Islet-Cell Adenoma
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_413

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Cortical Adenoma
	Medulla	Hyperplasia, Focal
Epididymis		Aspermatogenesis
		Cast, Nos
Intestine Small	Ileum	Inflammation, Chronic
	Ileum	Regeneration, Incomplete
Kidney		Nephropathy
Liver	Bile Duct	Dilatation, Nos
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos
Spleen		Hypoplasia, Lymphoid
Testis		Spermatogenic Arrest
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_421

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Large
Intestine Small
Kidney
Liver
Pancreas
Unspecified

Cortex Nos
Left Atrium Nos
Intestinal Tract
Intestinal Villus, Ileum

Multiple Organs Nos

Atrophy, Nos
Thrombosis, Nos
Inflammation, Chronic
Regeneration, Incomplete
Nephropathy
Cirrhosis, Portal
Metamorphosis, Fatty
Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_422

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis		Spermatocele
Heart		Endocardiosis
	Myocardium Nos	Inflammation, Chronic Focal
Intestine Large	Cecum, Colon	Diverticulitis
	Cecum, Colon	Inflammation, Chronic
Intestine Small	Ileum	Inflammation, Chronic
Kidney		Nephropathy
Liver		Cirrhosis, Portal
		Cyst, Nos
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos
Testis		Spermatogenic Arrest
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_423

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large

Cecum, Colon
Intestinal Tract

Inflammation, Acute
Postmortem Change
Cytoplasmic Vacuolization
Postmortem Change

Liver

Urinary bladder

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_431

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Neurilemoma
Epididymis		Aspermatogenesis
Kidney		Nephropathy
Liver		Cirrhosis, Portal
		Hemorrhage
		Necrosis, Focal
Lung	Alveoli	Histiocytosis
		Necrosis, Focal
Lymph node	Mandibular Lymph Node	Edema, Nos
Spleen		Hematopoiesis
Testis		Abscess, Nos
		Necrosis, Nos
		Spermatogenic Arrest
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_432

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Cortical Adenoma Hypoplasia, Nos Pheochromocytoma
Epididymis		Aspermatogenesis
Heart	Left Atrium Nos	Thrombus, Organized
Kidney		Nephropathy
Liver	Bile Duct	Inflammation, Nos
Lung	Alveoli	Histiocytosis
Pituitary gland		Cytoplasmic Vacuolization
Testis		Hyperplasia, Interstitial Cell Spermatogenic Arrest
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_433

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortical Adenoma

Medulla

Hyperplasia, Focal

Kidney

Nephropathy

Lung

Histiocytosis

Pancreas

Lipoidosis

Spleen

Hematopoiesis

Unspecified

Multiple Organs Nos

Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_443

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Congestion, Nos
Epididymis		Aspermatogenesis
Intestine Large	Intestinal Tract	Inflammation, Acute
Intestine Small	Ileum	Hyperplasia, Lymphoid
	Intestinal Villus, Ileum	Regeneration, Incomplete
Liver		Granuloma, Nos
Lymph node		Hyperplasia, Nos
Spleen		Hyperplasia, Lymphoid
	Red Pulp	Hypoplasia, Nos
Testis		Spermatogenic Arrest

PRIMARY CAUSE OF DEATH

-

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_451

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large
Kidney
Liver

Gastrointestinal Tract

Lung
Pancreas
Seminal vesicle

Postmortem Change
Nephropathy
Lipoidosis
Necrosis, Focal
Inflammation, Interstitial
Lipoidosis
Inflammation, Chronic
Retention Of Content
Hypoplasia, Nos
Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_452

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Amyloidosis

Epididymis

Cortex Nos

Hyperplasia, Focal

Heart

Left Atrium Nos

Aspermatogenesis

Pancreas

Granuloma, Spermatic

Stomach

Cardiac Stomach

Thrombus, Organized

Testis

Cardiac Stomach

Lipoidosis

Thymus

Acanthosis

Hyperkeratosis

Spermatogenic Arrest

Involution, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_453

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Cortical Adenoma
	Medulla	Hyperplasia, Nos
Epididymis		Aspermatogenesis
Heart	Mitral Valve Nos	Inflammation, Chronic
Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney		Nephropathy
Liver		Cirrhosis, Portal
Lung		Emphysema, Nos
Lymph node	Cervical Lymph Node Nos	Hyperplasia, Nos
Spleen		Hypoplasia, Nos
Testis		Hyperplasia, Interstitial Cell
		Spermatogenic Arrest
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_461

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Bone marrow
Intestine Small
Kidney
Lymph node
Prostate
Seminal vesicle
Unspecified

Medulla

Ileum, Ileum

Abdominal Viscera

Dilatation, Nos
Congestion, Nos
Inflammation, Nos
Nephropathy
Hyperplasia, Nos
Retention Of Content
Retention Of Content
Hernia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_462

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large
Spleen
Stomach

Large Intestine, Colon

Inflammation, Nos
Hypoplasia, Lymphoid
Inflammation, Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_463

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Cortical Carcinoma
Heart	Left Atrium Nos	Thrombus, Organized
Kidney	Cortex	Infarct, Nos
		Tubular-Cell Adenoma
Liver	Centrilobular	Congestion, Passive
		Necrosis, Focal
Lung		Pneumonia, Interstitial Chronic
Pancreas		Lipoidosis
Seminal vesicle		Inflammation, Acute Focal
		Mineralization

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_471

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large
Intestine Small
Kidney
Lung

Intestinal Tract
Ileum, Ileum

Postmortem Change
Hyperplasia, Epithelial
Tubular-Cell Adenoma
Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_473

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver	Bile Duct	Inflammation, Nos
Lymph node		Hyperplasia, Nos
Prostate		Inflammation, Nos
Spleen	Red Pulp	Hyperplasia, Nos
Testis		Aspermatogenesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_481

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Pancreas

Pituitary gland

Thymus

Left Atrium Nos

Glomerulus

Centrilobular

Acinus

Cortical Adenoma

Thrombus, Organized

Metamorphosis, Fatty

Nephropathy

Congestion, Passive

Necrosis, Focal

Inflammation, Interstitial

Cyst, Nos

Cytoplasmic Vacuolization

Involution, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_482

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Amyloidosis

Heart

Left Atrium Nos

Thrombus, Organized

Kidney

Cortex

Infarct, Nos

Lung

Alveoli

Histiocytosis

Pancreas

Lipoidosis

Pituitary gland

Cytoplasmic Vacuolization

Spleen

Hematopoiesis

Stomach

Cardiac Stomach

Acanthosis

Cardiac Stomach

Hyperkeratosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_483

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Epididymis		Aspermatogenesis
Kidney		Nephropathy
Liver		Cirrhosis, Portal
		Cyst, Multiple
Lung		Inflammation, Interstitial
Pancreas		Dilatation, Ducts
		Lipoidosis
Skin		Acariasis
		Inflammation, Chronic
Testis		Spermatogenic Arrest
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_491

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis		Aspermatogenesis
Intestine Large	Gastrointestinal Tract	Inflammation, Suppurative
	Gastrointestinal Tract	Postmortem Change
Kidney		Nephropathy
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Prostate		Retention Of Content
Seminal vesicle		Retention Of Content
Skin	Circumanal Gland	Inflammation, Chronic
Spleen		Hypoplasia, Nos
Testis		Spermatogenic Arrest
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_492

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large
Kidney
Liver
Lung
Pancreas
Testis
Unspecified

Gastrointestinal Tract

Postmortem Change
Nephropathy
Cirrhosis, Portal
Edema, Nos
Postmortem Change
Spermatogenic Arrest
Amyloidosis

Multiple Organs Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_493

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Amyloidosis

Intestine Large

Cortex Nos

Cortical Adenoma

Liver

Gastrointestinal Tract

Hyperplasia, Focal

Lung

Centrilobular

Postmortem Change

Pancreas

Portal Tract

Congestion, Passive

Spleen

Alveoli

Lymphocytic Inflammatory Infiltrate

Thymus

Histiocytosis

Lipoidosis

Hematopoiesis

Involution, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_501

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Congestion, Nos Cortical Adenoma
Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney		Nephropathy
Liver		Cyst, Nos
Lung	Alveoli	Histiocytosis
Pancreas		Lipoidosis
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	Hyperkeratosis
Thymus		Involution, Nos

PRIMARY CAUSE OF DEATH

-

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_502

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Congestion, Nos
Intestine Large	Intestinal Tract	Inflammation, Acute Suppurative
	Gastrointestinal Tract	Postmortem Change
Intestine Small	Intestinal Villus, Ileum	Regeneration, Incomplete
Kidney	Glomerulus	Amyloidosis
		Nephropathy
Liver		Necrosis, Focal
Lung		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Edema, Nos
		Hyperplasia, Nos
Spleen		Congestion, Nos
	Red Pulp	Hematopoiesis
		Hypoplasia, Lymphoid

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_503

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Cortical Adenoma
Gall bladder		Hyperplasia, Nos
		Inflammation, Chronic
Heart	Mitral Valve Nos	Inflammation, Chronic
Kidney	Glomerulus	Amyloidosis
		Nephropathy
Liver		Necrosis, Focal
Lung		Pneumonia, Interstitial Chronic
Pancreas	Islets	Islet-Cell Adenoma
		Lipoidosis
Pituitary gland		Cytoplasmic Vacuolization
Stomach	Fundus	Ulcer, Focal

PRIMARY CAUSE OF DEATH

-

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_511

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Epididymis		Aspermatogenesis
Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney		Nephropathy
Liver		Cirrhosis, Portal
		Cyst, Multiple
Pancreas		Lipoidosis
Spleen		Hematopoiesis
Testis		Spermatogenic Arrest
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_512

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large
Kidney
Liver

Intestinal Tract

Postmortem Change

Nephropathy

Cirrhosis, Portal

Congestion, Nos

Lung
Lymph node
Unspecified

Centrilobular

Alveoli

Mesenteric Lymph Node

Multiple Organs Nos

Histiocytosis

Hyperplasia, Lymphoid

Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_513

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Heart	Left Atrium Nos	Thrombus, Organized
Kidney	Glomerulus	Amyloidosis
		Nephropathy
Liver	Centrilobular	Congestion, Passive
	Bile Duct	Fibrosing Adenosis
Pancreas		Lipoidosis
Pituitary gland		Cytoplasmic Vacuolization
Spleen		Hemangiosarcoma
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	Hyperkeratosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_521

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow		Aplasia, Hematopoietic
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney		Nephropathy
Liver		Cirrhosis, Portal
		Cyst, Nos
Pancreas		Lipoidosis
Pituitary gland		Cytoplasmic Vacuolization
		Degeneration, Hyaline
Skin	Circumanal Gland	Inflammation, Acute Suppurative
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_522

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow		Congestion, Nos
Epididymis		Aspermatogenesis
Intestine Large	Cecum, Colon	Abscess, Nos
	Intestinal Tract	Inflammation, Acute Suppurative
	Cecum, Colon	Necrosis, Nos
Intestine Small	Intestinal Villus, Ileum	Regeneration, Incomplete
Kidney		Nephropathy
Liver		Cirrhosis, Portal
		Inflammation, Acute
Lung		Congestion, Nos
Lymph node		Hyperplasia, Nos
Prostate		Inflammation, Chronic
		Retention Of Content
Seminal vesicle		Retention Of Content
Spleen		Hyperplasia, Lymphoid
	Red Pulp	Hypoplasia, Nos
Stomach	Fundus	Inflammation, Acute
Testis		Abscess, Nos
		Cryptorchidism
		Spermatogenic Arrest
Unspecified	Multiple Organs Nos	Amyloidosis
Urinary bladder		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_523

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Kidney	Glomerulus	Amyloidosis
		Nephropathy
Liver		Cyst, Multiple
		Cytoplasmic Vacuolization
Lung		Inflammation, Interstitial

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_531

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Epididymis

Cortex Nos

Hyperplasia, Nos
Aspermatogenesis
Spermatocoele

Intestine Large

Intestinal Tract
Intestinal Tract

Inflammation, Acute
Postmortem Change

Kidney
Pituitary gland
Testis

Infarct, Nos
Degeneration, Hyaline
Hyperplasia, Interstitial Cell
Spermatogenic Arrest

Thymus
Thyroid

Follicle

Involution, Nos
Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_532

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Intestine Small
Kidney
Liver

Lung
Lymph node
Pancreas
Thymus
Unspecified

Ileum

Multiple Organs Nos

Cortical Carcinoma
Postmortem Change
Nephropathy
Cirrhosis, Portal
Necrosis, Focal
Inflammation, Interstitial
Hyperplasia, Nos
Lipoidosis
Involution, Nos
Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_533

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hematoma, Nos
Brain	Cortex	Cyst, Nos
Epididymis		Abscess, Nos
Heart	Myocardium Nos	Inflammation, Focal
	Mitral Valve Nos	Inflammation, Proliferative
	Mitral Valve Nos	Thrombosis, Nos
Intestine Small	Ileum	Regeneration, Incomplete
Kidney		Nephropathy
Liver		Cirrhosis, Portal
Lymph node	Cervical Lymph Node Nos	Hyperplasia, Nos
Pancreas		Lipoidosis
Stomach	Fundus	Abscess, Nos
Testis		Spermatogenic Arrest
Thymus		Involution, Nos
Unspecified		Abscess, Nos
	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_541

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Nephropathy
Liver		Cirrhosis, Portal
		Cyst, Multiple
Lung		Inflammation, Interstitial
Pancreas		Lipoidosis
Spleen		Hypoplasia, Lymphoid
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_542

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Endocardiosis
	Atrium	Inflammation, Chronic
		Thrombus, Mural
Intestine Large	Cecum, Colon	Inflammation, Chronic Focal
Intestine Small	Ileum	Postmortem Change
Kidney		Nephropathy
Lymph node	Mesenteric Lymph Node	Inflammation, Chronic
Testis		Spermatogenic Arrest
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_543

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Anus Nos	Cyst, Epidermal Inclusion
Kidney		Nephropathy
Liver	Centrilobular	Congestion, Passive
		Necrosis, Focal
Lung	Alveoli	Histiocytosis
Pancreas		Lipoidosis
Spleen		Hypoplasia, Lymphoid
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_552

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel
Intestine Large

Brachioceph. Artery
Colon
Colon
Intestinal Tract

Kidney
Lymph node
Pancreas
Pituitary gland

Islets

Unspecified

Multiple Organs Nos

Embolism, Nos
Inflammation, Acute
Inflammation, Pyogranulomatous
Postmortem Change
Nephropathy
Hyperplasia, Nos
Islet-Cell Adenoma
Cytoplasmic Vacuolization
Degeneration, Hyaline
Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_553

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Epididymis

Cortex Nos

Hyperplasia, Focal
Granuloma, Spermatic
Oligospermia

Heart
Intestine Large
Kidney

Mitral Valve Nos
Cecum, Colon

Inflammation, Chronic
Inflammation, Pyogranulomatous
Nephropathy

Liver
Spleen

Stomach

Cardiac Stomach
Cardiac Stomach

Cytoplasmic Vacuolization
Hypoplasia, Nos
Acanthosis

Testis

Hyperkeratosis
Hyperplasia, Interstitial Cell
Spermatogenic Arrest

Unspecified

Multiple Organs Nos

Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_561

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Epididymis

Aspermatogenesis

Heart

Cast, Nos

Intestine Large

Left Atrium Nos

Thrombus, Organized

Kidney

Cecum, Colon

Inflammation, Acute Suppurative

Lung

Pelvis

Nephropathy

Lymph node

Alveoli

Nephrosis, Hydro

Pancreas

Histiocytosis

Spleen

Hyperplasia, Nos

Testis

Dilatation, Ducts

Urinary bladder

Lipoidosis

Hematopoiesis

Spermatogenic Arrest

Hyperplasia, Papillary

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_562

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
	Cortex Nos	Hyperplasia, Focal
Bone marrow		Aplasia, Hematopoietic
Brain		Cytoplasmic Vacuolization
Epididymis		Aspermatogenesis
		Cast, Nos
Heart	Left Atrium Nos	Thrombus, Organized
Kidney	Cortex	Infarct, Nos
Liver	Centrilobular	Congestion, Passive
		Cyst, Multiple
		Necrosis, Focal
Lymph node		Hyperplasia, Nos
Seminal vesicle		Inflammation, Chronic
		Mineralization
Skeletal muscle		Inflammation, Chronic
		Mineralization
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	Hyperkeratosis
Testis		Spermatogenic Arrest

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_563

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large
Kidney
Liver

Gastrointestinal Tract

Postmortem Change

Lung
Stomach

Cardiac Stomach

Nephropathy
Cirrhosis, Portal
Necrosis, Focal
Inflammation, Interstitial

Testis
Unspecified

Cardiac Stomach

Acanthosis
Hyperkeratosis
Spermatogenic Arrest
Amyloidosis

Multiple Organs Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_571

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney		Nephropathy
Liver		Cytoplasmic Vacuolization
		Necrosis, Focal
Lung	Alveoli	Histiocytosis
Lymph node	Cervical Lymph Node Nos	Hyperplasia, Nos
Pancreas	Islets	Islet-Cell Adenoma
		Lipoidosis
Pituitary gland		Cytoplasmic Vacuolization
Spleen		Hypoplasia, Nos
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	Hyperkeratosis
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_572

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Necrosis, Focal
Heart	Left Atrium Nos	Thrombus, Organized
Kidney		Nephropathy
Lung	Alveoli	Histiocytosis
Lymph node	Cervical Lymph Node Nos	Hyperplasia, Nos
Pancreas	Islets	Islet-Cell Adenoma
		Lipoidosis
Parathyroid gland		Adenoma, Nos
Pituitary gland		Cytoplasmic Vacuolization
Spleen		Amyloidosis
		Hypoplasia, Nos
Thymus		Involution, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_573

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Epididymis		Aspermatogenesis
Intestine Large	Anus Nos	Abscess, Nos
	Anus Nos	Cyst, Epidermal Inclusion
Kidney	Glomerulus	Amyloidosis
		Nephropathy
Liver	Centrilobular	Congestion, Passive
	Hepatic Lobule	Cytoplasmic Vacuolization
	Hepatic Lobule	Necrosis, Focal
Lung	Alveoli	Histiocytosis
Lymph node		C-Cell Carcinoma, Metastatic
Pancreas	Islets	Islet-Cell Adenoma
		Lipoidosis
Pituitary gland		Cytoplasmic Vacuolization
Prostate		Inflammation, Acute Suppurative
Testis		Spermatogenic Arrest
Thyroid		C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_581

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Epididymis		Aspermatogenesis
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Cecum, Colon	Inflammation, Acute Focal
	Intestinal Tract	Postmortem Change
Kidney		Nephropathy
Liver	Centrilobular	Congestion, Passive
Lung		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos
Pancreas		Lipoidosis
Skin	Circumanal Gland	Ulcer, Acute
Testis		Spermatogenic Arrest
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_582

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Small
Liver

Lung
Lymph node
Testis

Myocardium Nos
Ileum

Alveoli
Mandibular Lymph Node

Amyloidosis
Inflammation, Chronic
Postmortem Change
Cirrhosis, Portal
Congestion, Nos
Histiocytosis
Edema, Nos
Spermatogenic Arrest

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_583

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large
Liver

Cortex Nos
Intestinal Tract
Centrilobular

Lung
Lymph node
Pituitary gland
Thymus

Thoracic Lymph Node

Hyperplasia, Nos
Postmortem Change
Congestion, Passive
Necrosis, Nos
Inflammation, Interstitial
Hyperplasia, Nos
Degeneration, Hyaline
Involution, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_591

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombosis, Nos
Intestine Small	Ileum	Postmortem Change
Kidney		Nephropathy
Liver		Cirrhosis, Portal
Lung		Histiocytosis
Lymph node	Cervical Lymph Node Nos	Hyperplasia, Nos
Pancreas		Lipoidosis
Skin	Circumanal Gland	Inflammation, Chronic
Stomach	Cardiac Stomach	Hyperkeratosis
Thyroid	Follicle	Atrophy, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_592

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Epididymis		Aspermatogenesis
Heart	Mitral Valve Nos	Inflammation, Chronic
Intestine Large	Anus Nos	Abscess, Nos
	Pericolonic Tissue, Colon	Inflammation, Pyogranulomatous
Kidney		Nephropathy
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Spleen		Hypoplasia, Lymphoid
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	Hyperkeratosis
Testis		Hyperplasia, Interstitial Cell
		Spermatogenic Arrest
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_593

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Small
Unspecified

Ileum, Ileum
Multiple Organs Nos

Inflammation, Nos
Postmortem Change

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_601

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Amyloidosis
Cortical Adenoma

Kidney

Nephropathy

Stomach

Cardiac Stomach

Acanthosis

Cardiac Stomach

Hyperkeratosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_602

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Large
Kidney

Medulla
Left Atrium Nos
Gastrointestinal Tract
Glomerulus

Lung
Pancreas
Seminal vesicle
Stomach

Islets

Cardiac Stomach
Cardiac Stomach

Hyperplasia, Nos
Thrombosis, Nos
Postmortem Change
Amyloidosis
Nephropathy
Edema, Nos
Islet-Cell Adenoma
Mineralization
Acanthosis
Hyperkeratosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_603

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Epididymis		Aspermatogenesis
Heart	Left Atrium Nos	Thrombus, Organized
Kidney		Nephropathy
Liver		Cirrhosis, Portal
Lung	Alveoli	Histiocytosis
Lymph node	Cervical Lymph Node Nos	Hyperplasia, Nos
Pancreas		Lipoidosis
Prostate		Inflammation, Acute Suppurative
Seminal vesicle		Inflammation, Acute Suppurative
Spleen		Hypoplasia, Nos
Testis		Hyperplasia, Interstitial Cell
		Spermatogenic Arrest
Unspecified	Multiple Organs Nos	Amyloidosis
	Multiple Organs Nos	Postmortem Change

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_611

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis		Aspermatogenesis Spermatocoele
Intestine Large	Gastrointestinal Tract	Inflammation, Acute Diffuse Postmortem Change
Kidney	Gastrointestinal Tract	Inflammation, Interstitial Nephropathy Nephrosis, Hydro
Liver		Degeneration, Hydropic Necrosis, Coagulative
Lung		Inflammation, Interstitial
Parathyroid gland		Hyperplasia, Nos
Salivary gland		Abscess, Nos
Skin		Scar
Spleen		Hypoplasia, Nos
Testis		Spermatogenic Arrest
Unspecified	Multiple Organs Nos	Amyloidosis
Urinary bladder		Edema, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_612

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Large
Kidney
Liver
Lung
Lymph node
Pancreas
Pituitary gland
Thymus
Unspecified

Cortex Nos
Left Atrium Nos
Gastrointestinal Tract

Multiple Organs Nos

Hyperplasia, Focal
Thrombus, Organized
Postmortem Change
Nephropathy
Cyst, Nos
Inflammation, Interstitial
Hyperplasia, Nos
Lipoidosis
Cytoplasmic Vacuolization
Involution, Nos
Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_621

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large
Lung
Lymph node
Parathyroid gland
Prostate
Seminal vesicle

Intestinal Tract

Inflammation, Nos
Inflammation, Interstitial
Hyperplasia, Nos
Hyperplasia, Nos
Retention Of Content
Retention Of Content

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_622

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large
Unspecified

Colon
Abdominal Viscera

Inflammation, Nos
Hernia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_623

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Rectum

Inflammation, Acute

Colon

Intussusception

Rectum

Necrosis, Nos

Kidney

Nephropathy

Liver

Cirrhosis, Portal

Lung

Alveoli

Inflammation, Acute Focal

Pituitary gland

Cytoplasmic Vacuolization

Stomach

Cardiac Stomach

Acanthosis

Cardiac Stomach

Hyperkeratosis

Testis

Granuloma, Spermatic

Thymus

Involution, Nos

Unspecified

Multiple Organs Nos

Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_631

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large

Intestinal Tract

Congestion, Nos

Liver

Intestinal Tract

Postmortem Change

Lung

Bile Duct

Inflammation, Nos

Lymph node

Mesenteric Lymph Node

Congestion, Nos

Spleen

Inflammation, Nos

Hypoplasia, Lymphoid

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_632

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Bone marrow
Intestine Large

Colon
Intestinal Tract
Colon
Colon

Kidney
Liver
Lymph node
Spleen
Unspecified

Multiple Organs Nos

Cortical Carcinoma
Congestion, Nos
Hyperplasia, Epithelial
Inflammation, Acute
Inflammation, Chronic
Metaplasia, Squamous
Nephropathy
Cirrhosis, Portal
Hyperplasia, Nos
Hypoplasia, Lymphoid
Amyloidosis

PRIMARY CAUSE OF DEATH

-

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_633

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Amyloidosis
		Congestion, Nos
Kidney		Inflammation, Chronic
Liver	Centrilobular	Cloudy Swelling
	Centrilobular	Congestion, Nos
	Centrilobular	Necrosis, Nos
		Osteosarcoma, Metastatic
Testis		Spermatogenic Arrest
Unspecified	Thoracic Cavity Nos	Osteosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_642

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Endocardiosis
Intestine Large	Colon	Granuloma, Nos
Kidney		Nephropathy
Liver		Cirrhosis, Portal
Lung		Edema, Nos
		Pneumonia, Interstitial Chronic
Lymph node	Mandibular Lymph Node	Hyperplasia, Nos
		Inflammation, Chronic
	Renal Lymph Node	Necrosis, Nos
Thymus		Inflammation, Chronic
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_643

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Gastrointestinal Tract

Inflammation, Suppurative

Lymph node

Gastrointestinal Tract

Postmortem Change

Pancreas

Hyperplasia, Nos

Prostate

Lipoidosis

Seminal vesicle

Retention Of Content

Skin

Retention Of Content

Verruca

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_651

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Epididymis		Aspermatogenesis
Heart	Left Ventricle Nos	Thrombosis, Nos
Intestine Large	Intestinal Tract	Postmortem Change
Kidney		Nephropathy
Liver		Cirrhosis, Portal
Lung	Alveoli	Congestion, Nos
Pancreas		Lipoidosis
Spleen		Hypoplasia, Nos
Testis		Spermatogenic Arrest
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_652

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Colon

Congestion, Nos

Cecum, Colon

Inflammation, Chronic

Colon

Intussusception

Colon

Necrosis, Focal

Ileum

Postmortem Change

Intestine Small

Liver

Cirrhosis, Portal

Lung

Congestion, Nos

Lymph node

Mesenteric Lymph Node

Hyperplasia, Lymphoid

Spleen

Atrophy, Nos

Unspecified

Multiple Organs Nos

Congestion, Nos

Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_653

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Intestinal Tract	Postmortem Change
Liver		Cirrhosis, Portal
Pancreas	Islets	Islet-Cell Adenoma
Spleen		Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_662

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Cortical Adenoma
	Medulla	Hyperplasia, Focal
Brain		Cytoplasmic Vacuolization
Gall bladder		Edema, Nos
Heart	Left Atrium Nos	Thrombus, Organized
Liver	Centrilobular	Congestion, Passive
		Necrosis, Focal
Lung		Emphysema, Alveolar
Pituitary gland		Cytoplasmic Vacuolization
Spleen		Hypoplasia, Lymphoid
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_663

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Epididymis

Abscess, Nos

Heart

Left Atrium Nos

Granuloma, Spermatic

Kidney

Thrombus, Organized

Liver

Nephropathy

Seminal vesicle

Necrosis, Focal

Stomach

Cardiac Stomach

Abscess, Nos

Inflammation, Acute Suppurative

Cardiac Stomach

Acanthosis

Testis

Hyperkeratosis

Unspecified

Multiple Organs Nos

Oligospermia

Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_671

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Blood vessel
Epididymis

Medulla
Pulmonary Artery Nos

Hyperplasia, Nos
Thrombosis, Nos
Aspermatogenesis
Granuloma, Spermatic
Nephropathy
Cytoplasmic Vacuolization
Necrosis, Focal

Kidney
Liver

Inflammation, Interstitial
Cytoplasmic Vacuolization
Hypoplasia, Nos

Lung
Pituitary gland
Spleen
Stomach

Cardiac Stomach
Cardiac Stomach

Acanthosis
Hyperkeratosis
Hyperplasia, Interstitial Cell
Spermatogenic Arrest

Testis

Thymus
Unspecified

Multiple Organs Nos

Involution, Nos
Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_672

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Intestinal Tract	Postmortem Change
Kidney		Nephropathy
Liver	Centrilobular	Congestion, Passive
		Necrosis, Focal
Lymph node		Hyperplasia, Nos
Pituitary gland		Cytoplasmic Vacuolization
		Degeneration, Hyaline
Thymus		Involution, Nos
Thyroid	Follicle	Atrophy, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_673

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Lymph node
Pancreas
Pituitary gland
Stomach

Medulla

Cardiac Stomach

Cardiac Stomach

Hyperplasia, Focal
Hyperplasia, Nos
Lipoidosis
Cytoplasmic Vacuolization
Acanthosis
Hyperkeratosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_681

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Blood vessel Epididymis	Renal Artery Nos	Necrosis, Fibrinoid Aspermatogenesis Hemorrhage
Intestine Large	Intestinal Tract	Inflammation, Acute Diffuse Postmortem Change
Intestine Small Kidney	Intestinal Tract Intestinal Villus, Ileum	Regeneration, Incomplete Glomerulonephritis, Chronic
Liver	Centrilobular Bile Duct	Congestion, Passive Hyperplasia, Nos Inflammation, Chronic
Lymph node Testis		Hyperplasia, Nos Mineralization Spermatogenic Arrest
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_682

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Liver

Zona Glomerulosa

Bile Duct

Pancreas
Pituitary gland
Thymus

Metaplasia, Nos
Nephropathy
Cyst, Multiple
Dilatation, Nos
Lipoidosis
Cytoplasmic Vacuolization
Involution, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_683

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Small
Liver
Testis

Jejunum

Postmortem Change
Hematopoiesis
Aspermatogenesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_691

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Necrosis, Focal

Kidney

Nephropathy

Liver

Centrilobular

Congestion, Passive

Cytoplasmic Vacuolization

Hepatic Lobule

Necrosis, Focal

Lung

Postmortem Change

Lymph node

Cervical Lymph Node Nos

Hyperplasia, Nos

Pancreas

Lipoidosis

Parathyroid gland

Adenoma, Nos

Pituitary gland

Cytoplasmic Vacuolization

Spleen

Amyloidosis

Hypoplasia, Nos

Thymus

Involution, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_692

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Epididymis		Aspermatogenesis
Heart	Myocardium Nos	Inflammation, Acute
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Spinal cord		Abscess, Nos
Testis		Spermatogenic Arrest
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_693

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney		Nephropathy
Liver	Centrilobular	Congestion, Passive
		Cytoplasmic Vacuolization
Lung	Alveoli	Inflammation, Acute Suppurative
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos
Pancreas		Lipoidosis
Stomach	Fundus	Erosion
	Cardiac Stomach	Hyperkeratosis
Thymus		Involution, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_701

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large	Gastrointestinal Tract	Inflammation, Nos
	Gastrointestinal Tract	Postmortem Change
Liver	Hepatic Lobule	Abscess, Nos
	Bile Duct	Hyperplasia, Nos
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Peritoneum		Abscess, Nos
		Inflammation, Nos
Prostate		Abscess, Nos
		Retention Of Content
Seminal vesicle		Retention Of Content
Spleen		Hypoplasia, Nos
Stomach	Cardiac Stomach	Hyperkeratosis
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_702

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Heart
Liver

Cortex Nos
Left Atrium Nos
Centrilobular

Necrosis, Focal
Thrombus, Organized
Congestion, Passive
Necrosis, Focal
Inflammation, Acute Focal
Hyperplasia, Nos
Lipoidosis
Involution, Nos

Lung
Lymph node
Pancreas
Thymus

Alveoli
Cervical Lymph Node Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_703

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Aplasia, Hematopoietic
Epididymis		Aspermatogenesis
Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney		Nephropathy
Liver		Cirrhosis, Portal
Lung		Inflammation, Interstitial
Spleen		Hypoplasia, Nos
Testis		Spermatogenic Arrest
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_711

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Kidney		Nephropathy
Liver	Centrilobular	Congestion, Passive Necrosis, Nos
Lung	Alveoli	Histiocytosis
Pancreas	Islets	Islet-Cell Adenoma Lipoidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_713

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis		Aspermatogenesis Spermatocoele
Intestine Large	Gastrointestinal Tract Gastrointestinal Tract	Inflammation, Nos Postmortem Change
Kidney		Glomerulonephritis, Chronic
Liver	Periportal	Lymphocytic Inflammatory Infiltrate
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Pancreas		Lipoidosis
Prostate		Retention Of Content
Seminal vesicle		Retention Of Content
Testis		Spermatogenic Arrest
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_721

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney		Nephropathy
Liver		Cirrhosis, Portal
	Hepatic Lobule	Cytoplasmic Vacuolization
Lung	Alveoli	Histiocytosis
Pituitary gland		Cytoplasmic Vacuolization
Spleen		Hyperplasia, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_722

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Hemorrhage
Kidney		Nephropathy
Liver	Centrilobular	Congestion, Passive
	Hepatic Lobule	Cyst, Nos
		Cytoplasmic Vacuolization
Pituitary gland		Necrosis, Focal
Unspecified	Multiple Organs Nos	Cytoplasmic Vacuolization
		Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_723

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Kidney		Nephropathy
Lung		Histiocytosis
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos
Pancreas		Lipoidosis
Thymus		Involution, Nos
Thyroid	Follicle	Atrophy, Diffuse

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_751

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Blood vessel		Abscess, Nos
Bone marrow		Congestion, Nos
Epididymis		Aspermatogenesis
Intestine Large	Intestinal Tract	Inflammation, Acute Necrotizing
Intestine Small	Submucosa, Jejunum	Hyperplasia, Lymphoid
Kidney		Nephropathy
Liver	Centrilobular	Congestion, Nos
Lung		Inflammation, Interstitial
Lymph node		Hypoplasia, Nos
Peritoneum		Inflammation, Acute/Chronic
Skeletal muscle		Abscess, Nos
Spleen		Hypoplasia, Nos
Testis		Spermatogenic Arrest
Unspecified	Multiple Organs Nos	Bacterial Septicemia

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_753

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Kidney		Nephropathy
Liver	Centrilobular	Congestion, Passive
Pancreas	Islets	Islet-Cell Adenoma
		Lipoidosis
Pituitary gland		Cytoplasmic Vacuolization
Spleen		Hypoplasia, Lymphoid
Testis		Hyperplasia, Interstitial Cell
Thymus		Involution, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_761

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Amyloidosis
Epididymis		Aspermatogenesis
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Anus Nos	Cyst, Epidermal Inclusion
Kidney		Nephropathy
Liver	Centrilobular	Congestion, Passive
		Necrosis, Focal
Lung	Alveoli	Histiocytosis
Lymph node	Mesenteric Lymph Node	Edema, Nos
Pancreas		Lipoidosis
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	Hyperkeratosis
Testis		Spermatogenic Arrest

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_762

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain		Inflammation, Suppurative
Heart	Atrium	Thrombus, Mural
Kidney		Nephropathy
Lung		Congestion, Nos
Testis		Atrophy, Nos
		Degeneration, Nos
		Scar
Unspecified	Multiple Organs Nos	Amyloidosis
	Multiple Organs Nos	Inflammation, Chronic
Urinary bladder		Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_763

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal Pheochromocytoma
Epididymis		Spermatocoele
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney	Glomerulus	Amyloidosis Nephropathy
Liver		Cyst, Nos Inflammation, Acute Focal Necrosis, Focal
Pancreas	Islets	Islet-Cell Adenoma
Parathyroid gland		Hyperplasia, Nos
Prostate		Inflammation, Acute Suppurative
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	Hyperkeratosis
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_771

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis		Spermatocele
Heart		Paranglioma, Malignant
Intestine Small	Ileum	Postmortem Change
Kidney		Nephropathy
Liver		Cirrhosis, Portal
		Necrosis, Focal
Lung		Paranglioma, Metastatic
Seminal vesicle		Inflammation, Chronic Focal
Spleen		Hematopoiesis
Testis		Degeneration, Nos
Thymus		Paranglioma, Metastatic
Thyroid	Follicle	Atrophy, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_772

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Kidney

Cortex Nos
Glomerulus
Pelvis

Hyperplasia, Focal
Amyloidosis
Mineralization
Nephropathy

Liver
Lung
Lymph node

Periportal

Lymphocytic Inflammatory Infiltrate
Inflammation, Interstitial

Thyroid
Unspecified

Follicle
Multiple Organs Nos

Hyperplasia, Nos
Atrophy, Nos
Lymphoma, Lymphocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_773

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Colon	Nematodiasis
Kidney		Nephropathy
Lung	Alveoli	Histiocytosis
Pancreas		Lipoidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_781

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow
Intestine Small
Lung
Pancreas

Ileum

Congestion, Nos
Hernia, Nos
Inflammation, Interstitial
Lipoidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_782

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large
Kidney
Liver
Lymph node
Pancreas

Gastrointestinal Tract

Centrilobular

Islets

Pituitary gland
Spleen
Thymus
Thyroid

Red Pulp

Follicle

Postmortem Change
Nephropathy
Congestion, Passive
Hyperplasia, Nos
Islet-Cell Adenoma
Lipoidosis
Degeneration, Hyaline
Hypoplasia, Nos
Involution, Nos
Atrophy, Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_783

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Cortical Carcinoma
Heart	Left Atrium Nos	Thrombus, Organized
Kidney		Nephropathy
Lung	Alveoli	Inflammation, Acute Diffuse
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	Hyperkeratosis
Thymus		Involution, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_791

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Epididymis		Aspermatogenesis
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Cecum, Colon	Hemorrhage
Kidney		Nephropathy
Liver		Cirrhosis, Portal
Pituitary gland		Cytoplasmic Vacuolization
Prostate		Inflammation, Acute Suppurative
Seminal vesicle		Inflammation, Acute Suppurative
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	Hyperkeratosis
Testis		Spermatogenic Arrest
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_792

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Necrosis, Focal
Intestine Large	Gastrointestinal Tract	Postmortem Change
Kidney		Nephropathy
Liver		Cirrhosis, Portal
Spleen	Red Pulp	Hypoplasia, Nos
Thymus		Involution, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_793

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis		Inflammation, Acute Hemorrhagic
Kidney	Glomerulus	Amyloidosis Nephropathy
Liver		Cytoplasmic Vacuolization
Pancreas		Lipoidosis
Prostate		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_802

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Dilatation, Nos
Kidney		Glomerulonephritis, Acute
Liver	Centrilobular	Congestion, Nos
Lung		Congestion, Nos
		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Spleen	Red Pulp	Erythropoiesis
		Hyperplasia, Lymphoid
Testis		Hyperplasia, Interstitial Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_803

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large
Liver
Thyroid

Gastrointestinal Tract
Centrilobular
Follicle

Postmortem Change
Congestion, Passive
Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_811

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Mitral Valve Nos	Inflammation, Proliferative
	Left Atrium Nos	Thrombosis, Nos
Intestine Large	Intestinal Tract	Postmortem Change
Kidney		Nephropathy
Liver		Cirrhosis, Portal
	Bile Duct	Dilatation, Nos
Lung	Alveoli	Congestion, Nos
		Inflammation, Interstitial
Pancreas		Lipoidosis
Prostate		Inflammation, Acute Suppurative
Testis		Abscess, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_812

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver		Cirrhosis, Portal
		Cytoplasmic Vacuolization
Testis		Spermatogenic Arrest
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_813

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Mitral Valve Nos	Inflammation, Proliferative
	Mitral Valve Nos	Thrombosis, Nos
Intestine Large	Cecum, Colon	Postmortem Change
Kidney		Nephropathy
Liver	Centrilobular	Congestion, Passive
	Kupffer Cell	Pigmentation, Nos
Lung	Alveoli	Histiocytosis
Lymph node	Colo-Rectal Lymph Node	Hyperplasia, Nos
Pancreas		Lipoidosis
Pituitary gland		Cytoplasmic Vacuolization
Seminal vesicle		Abscess, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_821

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis		Aspermatogenesis
Intestine Large	Intestinal Tract	Postmortem Change
Kidney	Perirenal Tissue	Abscess, Nos
		Nephropathy
Liver		Cirrhosis, Portal
		Cytoplasmic Vacuolization
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos
Spleen		Hemorrhage
Testis		Spermatogenic Arrest
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_822

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Cortical Adenoma
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Intestinal Tract	Postmortem Change
Kidney		Nephropathy
Liver		Cirrhosis, Portal
Lung	Alveoli	Congestion, Nos
		Histiocytosis
	Bronchus	Inflammation, Acute Hemorrhagic
Lymph node	Cervical Lymph Node Nos	Hyperplasia, Nos
Pancreas		Lipoidosis
Stomach	Cardiac Stomach	Hyperkeratosis
Thymus		Involution, Nos
Thyroid	Follicle	Atrophy, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_823

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large
Liver

Cecum, Colon

Bile Duct

Lung
Unspecified

Multiple Organs Nos

Nematodiasis
Amyloidosis
Hyperplasia, Nos
Congestion, Nos
Postmortem Change

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_831

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Nos

Heart

Left Atrium Nos

Thrombus, Organized

Kidney

Nephropathy

Liver

Cirrhosis, Portal

Cyst, Multiple

Lung

Alveoli

Histiocytosis

Lymph node

Cervical Lymph Node Nos

Hyperplasia, Nos

Pancreas

Lipoidosis

Parathyroid gland

Adenoma, Nos

Pituitary gland

Cytoplasmic Vacuolization

Skin

Circumanal Gland

Inflammation, Chronic

Spleen

Hematopoiesis

Testis

Hemangioma

Unspecified

Multiple Organs Nos

Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_832

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis		Aspermatogenesis
Intestine Large	Intestinal Tract	Postmortem Change
Kidney		Nephropathy
Liver		Cirrhosis, Portal
Lung		Bronchopneumonia, Acute
		Congestion, Nos
		Edema, Nos
Lymph node	Mesenteric Lymph Node	Inflammation, Suppurative
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	Hyperkeratosis
Testis		Spermatogenic Arrest
Unspecified	Multiple Organs Nos	Amyloidosis
Urinary bladder		Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_833

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow		Congestion, Nos
Intestine Large	Gastrointestinal Tract	Inflammation, Nos
Intestine Small	Peyers Patch	Hyperplasia, Lymphoid
	Intestinal Villus, Ileum	Regeneration, Incomplete
Kidney		Nephropathy
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Spleen	Red Pulp	Congestion, Nos
		Hypoplasia, Lymphoid
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_841

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large
Liver

Gastrointestinal Tract
Centrilobular

Postmortem Change
Congestion, Passive
Necrosis, Focal

Lung
Pancreas
Seminal vesicle

Alveoli

Histiocytosis
Lipoidosis
Perivasculitis
Retention Of Content

Spleen
Thyroid
Unspecified

Follicle
Multiple Organs Nos

Hematopoiesis
Atrophy, Nos
Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_842

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Nephropathy
Liver	Centrilobular	Congestion, Passive Necrosis, Focal
Pancreas	Islets	Hyperplasia, Nos
Parathyroid gland		Lipoidosis Hyperplasia, Nos

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_851

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Epididymis		Calcification, Focal
Intestine Large	Colon	Fibrosis
Intestine Small	Ileum, Ileum	Ileitis, Regional
	Ileum	Inflammation, Chronic
Pancreas		Inflammation, Chronic
Prostate		Inflammation, Chronic Suppurative
Spleen		Atrophy, Nos
Testis		Degeneration, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_852

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland		Cortical Adenoma
Blood vessel	Aorta Nos	Calcification, Medial
Heart	Myocardium Nos	Inflammation, Chronic
	Atrium	Thrombus, Mural
Intestine Large	Colon	Hemorrhage
	Colon	Intussusception
	Colon	Necrosis, Nos
Intestine Small	Ileum	Postmortem Change
Kidney		Nephropathy
Liver		Cirrhosis, Portal
		Hemorrhage
Lung	Alveoli	Histiocytosis
Pancreas		Atrophy, Focal
Seminal vesicle		Fibrosis
Stomach		Calcification, Nos
Testis		Spermatogenic Arrest
Unspecified	Multiple Organs Nos	Amyloidosis
Urinary bladder		Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_853

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large
Lung
Urinary bladder

Intestinal Tract
Submucosa

Postmortem Change
Congestion, Nos
Edema, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_862

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large
Lung
Stomach
Unspecified
Urinary bladder

Gastrointestinal Tract

Submucosa
Multiple Organs Nos

Ulcer, Nos
Congestion, Nos
Hemorrhage
Postmortem Change
Degeneration, Hydropic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C61223B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Asbestos, chrysotile(SR)

CAS Number: 12001-29-5

Date Report Requested: 10/26/2014

Time Report Requested: 13:40:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_863

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Gall bladder		Inflammation, Chronic
Heart	Left Atrium Nos	Thrombus, Organized
Intestine Large	Cecum, Colon	Hyperplasia, Epithelial
	Cecum, Colon	Inflammation, Chronic
Kidney		Nephropathy
Liver		Cirrhosis, Portal
		Cyst, Multiple
Lung		Pneumonia, Interstitial Chronic
Pancreas		Dilatation, Ducts
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

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

Date Report Requested: 10/26/2014
Time Report Requested: 13:40:04
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_873

TRT#: 2
DOSE: 10000 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis		Aspermatogenesis
Heart	Left Atrium Nos	Thrombus, Organized
Kidney		Nephropathy
Liver		Cirrhosis, Portal
		Cytoplasmic Vacuolization
	Bile Duct	Dilatation, Nos
Lung		Sarcoma, Nos, Metastatic
Parathyroid gland		Hyperplasia, Nos
Spleen		Hematopoiesis
		Hypoplasia, Nos
Testis		Spermatogenic Arrest
Trachea	Peritracheal Tissue	Sarcoma, Nos, Metastatic
Unspecified	Multiple Organs Nos	Amyloidosis

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****