

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:45
First Dose M/F: NA / NA
Lab: NA

C Number:	C00691
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Male

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_002

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 015.4 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Larynx

Metaplasia, Squamous

Lung

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_004

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 015.4 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver		Congestion, Nos
Lung		Inflammation, Nos
Lymph node	Pretracheal Lymph Node	Lymphangiectasis
Skin		Inflammation, Acute
Unspecified		Edema, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_005

TRT#: 1
DOSE: 015.4 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Larynx	Hyperplasia, Nos
Lung	Congestion, Nos
	Edema, Nos
	Hyperplasia, Nos
Bronchus	Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_006

TRT#: 1
DOSE: 015.4 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Congestion, Nos
Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_007

TRT#: 1
DOSE: 015.4 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Lymphocytic Inflammatory Infiltrate
Lymph node	Pretracheal Lymph Node	Distention
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_010

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 015.4 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Tubule

Cast, Nos

Tubule

Dilatation, Nos

Liver

Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_001

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 002.0 MG/M3

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Atrophy, Nos

Degeneration, Hyaline

Tubule

Dilatation, Nos

Inflammation, Interstitial

Liver

Cyst, Nos

Cytoplasmic Vacuolization

Trachea

Peritracheal Tissue

Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_004

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 002.0 MG/M3

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Lung

Edema, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_005

TRT#: 2
DOSE: 002.0 MG/M3

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Emphysema, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_007

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 002.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Inflammation, Nos

Larynx

Inflammation, Nos

Liver

Congestion, Nos

Lung

Cytoplasmic Vacuolization

Alveoli

Congestion, Nos

Phagocytic Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_008

TRT#: 2
DOSE: 002.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Bronchus

Congestion, Nos

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_009

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 002.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver

Lung

Trachea

Unspecified

Multiple Organs Nos

Cyst, Nos

Calcification, Nos

Degeneration, Muroid

Degeneration, Muroid

Lymphoma, Histiocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_010

TRT#: 2
DOSE: 002.0 MG/M3

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Edema, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_011

TRT#: 2
DOSE: 002.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Congestion, Nos
Edema, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_012

TRT#: 2
DOSE: 002.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver

Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_013

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 002.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_014

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 002.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Thrombosis, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_015

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 002.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney	Tubule	Atrophy, Nos
	Tubule	Calcification, Nos
	Tubule	Cast, Nos
	Tubule	Dilatation, Nos
Liver		Inflammation, Interstitial
		Congestion, Nos
		Cytoplasmic Vacuolization
		Hemorrhage
	Kupffer Cell	Hyperplasia, Nos
		Lymphocytic Inflammatory Infiltrate
Lung		Inflammation, Nos
Trachea	Gland	Dilatation, Nos
		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_016

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 002.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Tubule

Dilatation, Nos

Lung

Edema, Nos

Emphysema, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_017

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 002.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Alveoli

Dilatation, Ducts

Bronchiole

Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_019

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 002.0 MG/M3

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung

Edema, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_021

TRT#: 2
DOSE: 002.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Congestion, Nos
Edema, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_022

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 002.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney	Tubule	Atrophy, Nos
	Tubule	Cast, Nos
Liver		Dilatation, Nos
Lung		Necrosis, Nos
		Edema, Nos
	Bronchus	Inflammation, Granulomatous
Trachea		Lymphocytic Inflammatory Infiltrate
		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_023

TRT#: 2
DOSE: 002.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Congestion, Nos
	Bile Duct	Cyst, Nos
		Hemorrhage
Lung		Congestion, Nos
		Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_025

TRT#: 2
DOSE: 002.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Larynx		Hyperplasia, Nos
		Metaplasia, Squamous
Liver		Congestion, Nos
		Necrosis, Nos
Lung		Congestion, Nos
	Bronchus	Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_026

TRT#: 2
DOSE: 002.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver	Congestion, Nos Cytoplasmic Vacuolization
Lung	Congestion, Nos Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_027

TRT#: 2
DOSE: 002.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Hyperplasia, Nos
	Bronchus	Inflammation, Nos
	Pleura Nos	Inflammation, Nos
		Inflammation, Nos
		Metaplasia, Broncho-Alveolar

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_028

TRT#: 2
DOSE: 002.0 MG/M3

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Congestion, Nos
Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_029

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 002.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Tubule

Cast, Nos

Liver

Necrosis, Nos

Lung

Emphysema, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_030

TRT#: 2
DOSE: 002.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Liver
Lung

Congestion, Nos
Congestion, Nos
Necrosis, Nos
Hemosiderosis
Inflammation, Focal
Inflammation, Nos

Bronchus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_031

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 002.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Cecum, Colon

Hemorrhage

Kidney

Atrophy, Nos

Liver

Cyst, Nos

Lymphocytic Inflammatory Infiltrate

Lung

Edema, Nos

Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_032

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 002.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Hyperplasia, Nos

Bronchus

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_033

TRT#: 2
DOSE: 002.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Congestion, Nos
Edema, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_034

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 002.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Inflammation, Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_036

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 002.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Edema, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_037

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 002.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver

Congestion, Nos

Lung

Cyst, Nos

Trachea

Gland

Inflammation, Nos

Gland

Dilatation, Nos

Hypertrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_038

TRT#: 2
DOSE: 002.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Congestion, Nos
	Bile Duct	Cyst, Nos
	Bile Duct	Hyperplasia, Nos
Lung	Bronchus	Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_040

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 002.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Edema, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_002

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 002.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver

Congestion, Nos

Lung

Edema, Interstitial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_003

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 002.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Liver

Lung

Tubule

Tubule

Hepatocytes

Pheochromocytoma

Atrophy, Focal

Calcification, Focal

Cast, Nos

Dilatation, Nos

Congestion, Nos

Cyst, Nos

Cytoplasmic Vacuolization

Lymphocytic Inflammatory Infiltrate

Congestion, Nos

Edema, Interstitial

Granuloma, Nos

Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_004

TRT#: 3
DOSE: 002.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver
Lung

Bronchus

Trachea

Cyst, Nos
Edema, Nos
Emphysema, Nos
Hyperplasia, Nos
Inflammation, Nos
Inflammation, Nos
Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_005

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 002.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Unspecified

Multiple Organs Nos

Leukemia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_006

TRT#: 3
DOSE: 002.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver	Kupffer Cell	Pigmentation, Nos
Lung	Bronchus	Bronchiectasis
	Bronchus	Hyperplasia, Nos
	Bronchus	Inflammation, Nos
	Bronchus	Inflammation, Nos
		Lymphocytic Inflammatory Infiltrate
		Necrosis, Nos
Trachea		Hyperplasia, Nos
		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_007

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 002.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney		Congestion, Nos
Liver		Congestion, Nos
Lung		Congestion, Nos
	Bronchus	Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_008

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 002.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Larynx		Keratin-Pearl Formation Lymphocytic Inflammatory Infiltrate
Liver	Hepatocytes	Metaplasia, Squamous Atypia, Nos Congestion, Nos Cyst, Nos
	Hepatocytes	Cytoplasmic Vacuolization Hemorrhage Lymphocytic Inflammatory Infiltrate
Lung		Necrosis, Focal Congestion, Nos Hemosiderosis
	Bronchus	Inflammation, Nos Inflammation, Nos Lymphocytic Inflammatory Infiltrate
	Bronchiole	Obstruction, Nos Hyperplasia, Atypical
Trachea		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_010

TRT#: 3
DOSE: 002.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Congestion, Nos
Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_011

TRT#: 3
DOSE: 002.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Congestion, Nos
	Bronchus	Granuloma, Nos
	Bronchus	Inflammation, Nos
		Inflammation, Nos
Trachea		Keratin-Pearl Formation
		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_012

TRT#: 3
DOSE: 002.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis
		Emphysema, Nos
	Bronchus	Inflammation, Nos
		Inflammation, Nos
		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_013

TRT#: 3
DOSE: 002.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Bronchus

Hyperplasia, Nos
Inflammation, Nos
Inflammation, Nos
Hyperplasia, Atypical

Trachea

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_014

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 002.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Tubule

Calcification, Nos

Tubule

Dilatation, Nos

Lung

Congestion, Nos

Trachea

Gland

Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_015

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 002.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Congestion, Nos

Liver

Congestion, Nos

Trachea

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_016

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 002.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Larynx

Liver

Lung

Congestion, Nos

Hyperplasia, Nos

Inflammation, Chronic

Congestion, Nos

Congestion, Nos

Edema, Nos

Bronchus

Inflammation, Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_017

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 002.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Larynx

Hyperkeratosis

Lung

Inflammation, Nos

Trachea

Congestion, Nos

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_018

TRT#: 3
DOSE: 002.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Edema, Interstitial

Trachea

Emphysema, Nos

Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_019

TRT#: 3
DOSE: 002.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Congestion, Nos
	Alveoli	Edema, Nos
		Hemorrhage
	Bronchus	Inflammation, Nos
		Metaplasia, Broncho-Alveolar
		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_020

TRT#: 3
DOSE: 002.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Hemorrhage
		Hyperplasia, Atypical
	Bronchus	Inflammation, Nos
		Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
Trachea		Hyperplasia, Atypical

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_021

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 002.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Alveoli

Edema, Nos

Bronchus

Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_023

TRT#: 3
DOSE: 002.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Liver

Hemorrhage
Pyelonephritis, Chronic
Amyloidosis
Cyst, Nos
Hemorrhage
Hyperplasia, Nos
Leukocytosis, Nos

Bile Duct

Lung

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_024

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 002.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Congestion, Nos

Trachea

Edema, Interstitial

Hyperplasia, Atypical

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_025

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 002.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Atelectasis

Congestion, Nos

Bronchus

Inflammation, Nos

Inflammation, Nos

Trachea

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_026

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 002.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Larynx

Hyperplasia, Nos

Lung

Lymphocytic Inflammatory Infiltrate

Edema, Interstitial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_027

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 002.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver

Hepatic Sinusoid

Congestion, Nos

Lung

Bronchus

Inflammation, Nos

Pleura Nos

Inflammation, Nos

Trachea

Inflammation, Nos

Hyperplasia, Atypical

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_028

TRT#: 3
DOSE: 002.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Tubule	Cast, Nos
	Tubule	Dilatation, Nos
Liver		Congestion, Nos
		Necrosis, Focal
Trachea	Peritracheal Tissue	Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_029

TRT#: 3
DOSE: 002.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Fibrosis, Diffuse Inflammation, Chronic Scar
Liver	Amyloidosis Congestion, Nos Cyst, Nos
Lung	Congestion, Nos

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_030

TRT#: 3
DOSE: 002.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Inflammation, Chronic
Liver	Atrophy, Nos
	Congestion, Nos
Lung	Congestion, Nos
Trachea	Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_031

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 002.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Congestion, Nos

Edema, Interstitial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_032

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 002.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Congestion, Nos

Edema, Interstitial

Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_034

TRT#: 3
DOSE: 002.0 MG/M3

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Tubule	Atrophy, Nos
	Tubule	Calcification, Nos
	Tubule	Cast, Nos
		Dilatation, Nos
		Inflammation, Interstitial
Lung		Congestion, Nos
		Hemorrhage
		Hyperplasia, Focal
Trachea		Hyperplasia, Atypical

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_035

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 002.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Edema, Interstitial

Trachea

Hyperplasia, Epithelial

Gland

Hyperplasia, Epithelial

Obstruction, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_036

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 002.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Trachea

Edema, Interstitial

Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_038

TRT#: 3
DOSE: 002.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Lung

Bronchus

Amyloidosis
Granuloma, Nos
Inflammation, Nos
Inflammation, Nos
Metaplasia, Broncho-Alveolar

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_040

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 002.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Larynx

Lung

Trachea

Alveoli

Bronchiole

Metaplasia, Squamous

Edema, Nos

Hemorrhage

Hypertrophy, Nos

Hyperplasia, Atypical

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_041

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 002.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Inflammation, Focal

Metaplasia, Broncho-Alveolar

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_042

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 002.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Larynx		Hyperplasia, Basal Cell Hyperplasia, Nos
Liver		Congestion, Nos
Lung		Edema, Nos Fibrosis
	Bronchus	Inflammation, Nos Inflammation, Nos Lymphocytic Inflammatory Infiltrate Necrosis, Nos
Trachea		Hyperplasia, Nos
	Peritracheal Tissue	Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_043

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 002.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Congestion, Nos

Edema, Interstitial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_044

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 002.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Trachea

Peritracheal Tissue

Edema, Interstitial

Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_045

TRT#: 3
DOSE: 002.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Congestion, Nos
		Edema, Nos
	Bronchus	Inflammation, Nos
		Inflammation, Nos
		Metaplasia, Broncho-Alveolar
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_046

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 002.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large
Lung

Gastrointestinal Tract

Neoplasm, Malignant, Nos
Atelectasis

Lymph node

Congestion, Nos

Trachea

Neoplasm, Malignant, Nos

Unspecified

Neck Nos

Hyperplasia, Focal

Neoplasm, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_047

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 002.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Larynx

Liver

Metaplasia, Squamous

Cyst, Nos

Necrosis, Nos

Pigmentation, Nos

Lung

Bronchus

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_048

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 002.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney	Tubule	Atrophy, Nos
	Tubule	Calcification, Focal
	Tubule	Cast, Nos
	Tubule	Dilatation, Nos
Larynx		Inflammation, Interstitial
		Hyperplasia, Basal Cell
		Metaplasia, Squamous
Liver		Congestion, Nos
		Cyst, Nos
		Hemorrhage
		Lymphocytic Inflammatory Infiltrate
Lung		Congestion, Nos
		Edema, Interstitial
	Bronchus	Inflammation, Nos
		Inflammation, Nos
Trachea		Transitional-Cell Papilloma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_049

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 002.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Tubule

Atrophy, Nos

Calcification, Focal

Fibrosis, Diffuse

Larynx

Metaplasia, Squamous

Lung

Congestion, Nos

Trachea

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_050

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 002.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_051

TRT#: 3
DOSE: 002.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Larynx	Submucosa	Lymphocytic Inflammatory Infiltrate
Lung		Congestion, Nos
		Edema, Interstitial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_053

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 002.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Trachea

Peritracheal Tissue

Leukocytosis, Nos

Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_054

TRT#: 3
DOSE: 002.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Emphysema, Nos
Trachea	Peritracheal Tissue	Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_055

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 002.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Alveolar Epithelium

Atypia, Nos

Edema, Interstitial

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_056

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 002.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney	Tubule	Atrophy, Nos
	Tubule	Cast, Nos
		Dilatation, Nos
Larynx		Metaplasia, Squamous
Liver	Hepatocytes	Cytoplasmic Vacuolization
Lung	Bronchus	Bronchiectasis
		Congestion, Nos
		Edema, Interstitial
		Hemorrhage
	Bronchus	Inflammation, Nos
		Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
Trachea		Hyperplasia, Atypical
	Peritracheal Tissue	Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_057

TRT#: 3
DOSE: 002.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Bronchus

Edema, Interstitial
Inflammation, Nos
Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_058

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 002.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney	Glomerulus	Inflammation, Acute Diffuse
Liver		Hemorrhage
		Necrosis, Nos
Lung		Inflammation, Focal
		Inflammation, Interstitial
		Metaplasia, Broncho-Alveolar
Trachea		Hyperplasia, Nos
		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_059

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 002.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Larynx

Hyperplasia, Atypical

Lung

Inflammation, Nos

Trachea

Congestion, Nos

Hemorrhage

Hyperplasia, Atypical

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_060

TRT#: 3
DOSE: 002.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Congestion, Nos
Edema, Interstitial
Inflammation, Focal
Lymphocytic Inflammatory Infiltrate
Hyperplasia, Atypical

Bronchus

Trachea

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_061

TRT#: 3
DOSE: 002.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Larynx		Squamous Cell Carcinoma
Lung		Congestion, Nos
		Edema, Nos
	Bronchus	Inflammation, Nos
		Hyperplasia, Nos
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_062

TRT#: 3
DOSE: 002.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Congestion, Nos
Edema, Nos
Hemorrhage
Inflammation, Nos
Hyperplasia, Atypical

Trachea

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_063

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 002.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Atelectasis

Congestion, Nos

Edema, Nos

Bronchus

Hyperplasia, Nos

Inflammation, Focal

Bronchus

Inflammation, Nos

Bronchus

Lymphocytic Inflammatory Infiltrate

Bronchus

Polyp, Nos

Trachea

Hyperplasia, Nos

Polyp, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_064

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 002.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver

Congestion, Nos

Lung

Congestion, Nos

Edema, Nos

Trachea

Hemorrhage

Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_066

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 002.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Hemorrhage Hyperplasia, Atypical
	Bronchus	Inflammation, Nos Inflammation, Nos Lymphocytic Inflammatory Infiltrate Necrosis, Nos
Lymph node		Hyperplasia, Lymphoid
Trachea		Hyperplasia, Atypical
	Peritracheal Tissue	Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_067

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 002.0 MG/M3

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephrosis, Hydro

Larynx

Hyperplasia, Focal

Lung

Bronchus

Bronchiectasis

Inflammation, Focal

Bronchus

Inflammation, Nos

Trachea

Hyperplasia, Atypical

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_068

TRT#: 3
DOSE: 002.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_069

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 002.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Edema, Interstitial

Trachea

Hyperplasia, Atypical

Hyperplasia, Atypical

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_070

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 002.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver
Lung

Hepatic Sinusoid

Congestion, Nos
Congestion, Nos
Edema, Interstitial
Hyperplasia, Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_071

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 002.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_072

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 002.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Leukocytosis, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_073

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 002.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Alveolar Epithelium

Atypia, Nos

Alveolar Epithelium

Cell-Shape Alteration

Pleura Nos

Inflammation, Nos

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_074

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 002.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Larynx

Hyperplasia, Nos

Lung

Polyp, Inflammatory

Congestion, Nos

Emphysema, Nos

Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_076

TRT#: 3
DOSE: 002.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_077

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 002.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney		Atrophy, Focal
	Tubule	Dilatation, Nos
Larynx		Hyperkeratosis
		Hyperplasia, Nos
		Squamous Cell Papilloma
Liver		Congestion, Nos
		Cyst, Nos
		Hemorrhage
Lung		Edema, Nos
		Metaplasia, Broncho-Alveolar

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_078

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 002.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney	Tubule	Atrophy, Nos Cast, Nos
	Tubule	Dilatation, Nos Cyst, Nos
Liver		Atelectasis
Lung	Bronchus	Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
	Bronchus	Pigmentation, Nos
Trachea		Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_079

TRT#: 3
DOSE: 002.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Larynx		Hyperplasia, Basal Cell Metaplasia, Squamous
Lung	Bronchus	Bronchiectasis Hyperplasia, Focal
	Bronchus	Inflammation, Nos Inflammation, Nos Lymphocytic Inflammatory Infiltrate
Trachea		Metaplasia, Broncho-Alveolar Hyperplasia, Atypical

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_081

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 002.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney		Inflammation, Interstitial
Lung	Bronchus	Inflammation, Nos
	Bronchus	Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_082

TRT#: 3
DOSE: 002.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis
	Bronchus	Inflammation, Nos
		Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
		Metaplasia, Broncho-Alveolar
Trachea		Hyperplasia, Nos
		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_083

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 002.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver

Periportal

Congestion, Nos

Lymphocytic Inflammatory Infiltrate

Lung

Congestion, Nos

Edema, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_084

TRT#: 3
DOSE: 002.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Larynx
Trachea

Edema, Nos
Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_085

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 002.0 MG/M3

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Lung

Trachea

Unspecified

Peritracheal Tissue

Multiple Organs Nos

Metaplasia, Broncho-Alveolar

Hyperplasia, Nos

Lymphocytic Inflammatory Infiltrate

Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_086

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 002.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Intestinal Tract

Carcinoma, Nos

Lung

Congestion, Nos

Unspecified

Multiple Organs Nos

Carcinoma, Nos, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_087

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 002.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Larynx	Lymphocytic Inflammatory Infiltrate
Lung	Congestion, Nos
	Edema, Nos
	Hemorrhage
	Inflammation, Nos
Bronchus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_088

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 002.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Larynx

Hyperplasia, Basal Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_089

TRT#: 3
DOSE: 002.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis
	Bronchus	Inflammation, Nos
Trachea		Hyperplasia, Focal
	Peritracheal Tissue	Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_090

TRT#: 3
DOSE: 002.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Atelectasis
	Bronchus	Bronchiectasis
	Bronchus	Fibrosis
		Hemorrhage
		Inflammation, Focal
	Bronchiole	Inflammation, Obliterative
		Lymphocytic Inflammatory Infiltrate
		Metaplasia, Broncho-Alveolar
Trachea		Hyperplasia, Atypical
		Inflammation, Nos
		Polyp, Inflammatory

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_091

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 002.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney	Tubule	Cyst, Nos
	Tubule	Dilatation, Nos
Lung	Bronchiole	Foreign Material, Nos
	Bronchus	Inflammation, Nos
		Inflammation, Nos
	Bronchiole	Inflammation, Obliterative
		Lymphocytic Inflammatory Infiltrate
	Bronchus	Metaplasia, Broncho-Alveolar
Trachea		Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_093

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 002.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Larynx

Lung

Inflammation, Chronic

Congestion, Nos

Edema, Nos

Inflammation, Focal

Bronchus

Inflammation, Nos

Bronchus

Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_094

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 002.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Trachea

Edema, Interstitial

Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_095

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 002.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Larynx

Lung

Hyperplasia, Nos

Congestion, Nos

Edema, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_096

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 002.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Liver

Lung

Trachea

Bronchus

Pheochromocytoma, Malignant

Pheochromocytoma, Invasive

Congestion, Nos

Cyst, Nos

Hemorrhage

Congestion, Nos

Edema, Interstitial

Hyperplasia, Atypical

Inflammation, Nos

Lymphocytic Inflammatory Infiltrate

Hyperplasia, Atypical

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_097

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 002.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver		Congestion, Nos
		Hemorrhage
Lung	Bronchus	Abscess, Nos
	Bronchus	Bronchiectasis
		Edema, Interstitial
	Alveoli	Foam-Cell
	Bronchus	Inflammation, Nos
	Pleura Nos	Inflammation, Nos
		Inflammation, Nos
Trachea		Hyperplasia, Atypical

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_098

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 002.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung		Congestion, Nos
Trachea	Peritracheal Tissue	Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_099

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 002.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Tubule

Atrophy, Nos

Medulla

Calcification, Nos

Tubule

Cast, Nos

Lung

Dilatation, Nos

Congestion, Nos

Hemorrhage

Bronchus

Inflammation, Nos

Pleura Nos

Inflammation, Nos

Trachea

Metaplasia, Broncho-Alveolar

Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_100

TRT#: 3
DOSE: 002.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Atrophy, Focal Cast, Nos
	Tubule	Dilatation, Nos Necrosis, Nos
Liver		Emphysema, Nos
Lung		Fibrosarcoma, Metastatic Leukemia, Nos
		Leukocytosis, Nos
Unspecified	Lower Leg Nos	Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_001

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 020.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Edema, Nos

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_002

TRT#: 4
DOSE: 020.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Edema, Nos
	Bronchus	Inflammation, Nos Inflammation, Nos
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_003

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 020.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Congestion, Nos

Edema, Nos

Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_004

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 020.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Bronchus

Bronchiectasis

Congestion, Nos

Emphysema, Nos

Bronchus

Inflammation, Nos

Inflammation, Nos

Trachea

Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_005

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 020.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_006

TRT#: 4
DOSE: 020.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Bronchus

Inflammation, Nos
Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_007

TRT#: 4
DOSE: 020.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung
Edema, Nos
Inflammation, Interstitial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_008

TRT#: 4
DOSE: 020.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Edema, Nos
Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_009

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 020.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Edema, Nos

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_010

TRT#: 4
DOSE: 020.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Cell-Shape Alteration
Congestion, Nos
Cytomegaly
Inflammation, Granulomatous
Inflammation, Nos
Monocytosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_011

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 020.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Edema, Nos

Hemorrhage

Bronchus

Inflammation, Nos

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_012

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 020.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Leukocytosis, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_013

TRT#: 4
DOSE: 020.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Cytomegaly
		Hemorrhage
		Inflammation, Granulomatous
	Bronchiole	Monocytosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_014

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 020.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_015

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 020.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Bronchus

Inflammation, Nos

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_016

TRT#: 4
DOSE: 020.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Inflammation, Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_018

TRT#: 4
DOSE: 020.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Edema, Nos
Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_019

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 020.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_020

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 020.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Edema, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_022

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 020.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Bronchus

Bronchiectasis

Bronchus

Inflammation, Nos

Inflammation, Nos

Bronchiole

Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_023

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 020.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_024

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 020.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Bronchus

Bronchiectasis

Bronchus

Inflammation, Nos

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_025

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 020.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Edema, Nos

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_026

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 020.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Bronchus

Edema, Nos

Inflammation, Nos

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_027

TRT#: 4
DOSE: 020.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Edema, Nos

Hemorrhage

Bronchus

Inflammation, Nos

Inflammation, Nos

Trachea

Hyperplasia, Atypical

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_028

TRT#: 4
DOSE: 020.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung
Hyperplasia, Atypical
Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_029

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 020.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_030

TRT#: 4
DOSE: 020.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Congestion, Nos
Cytomegaly
Hemorrhage
Inflammation, Nos
Monocytosis

Bronchiole

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_031

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 020.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_032

TRT#: 4
DOSE: 020.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Bronchus

Inflammation, Nos
Leukocytosis, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_033

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 020.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Trachea

Inflammation, Nos

Hyperplasia, Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_034

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 020.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Congestion, Nos

Edema, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_035

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 020.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Edema, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_036

TRT#: 4
DOSE: 020.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Bronchus

Inflammation, Focal
Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_037

TRT#: 4
DOSE: 020.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Congestion, Nos
Liver		Necrosis, Nos
Lung		Hyperplasia, Nos
	Bronchus	Inflammation, Nos
		Inflammation, Nos
		Metaplasia, Broncho-Alveolar
Trachea		Hyperplasia, Basal Cell

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_038

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 020.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Congestion, Nos

Edema, Nos

Inflammation, Nos

Trachea

Hyperplasia, Atypical

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_039

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 020.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Edema, Nos

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_040

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 020.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Pleura Nos

Inflammation, Necrotizing

Bronchus

Inflammation, Nos

Inflammation, Nos

Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_041

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 020.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Congestion, Nos

Hemorrhage

Bronchus

Inflammation, Nos

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_042

TRT#: 4
DOSE: 020.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_043

TRT#: 4
DOSE: 020.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Inflammation, Nos
Leukocytosis, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_044

TRT#: 4
DOSE: 020.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Congestion, Nos
Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_045

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 020.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Bronchus

Bronchiectasis

Bronchus

Inflammation, Nos

Trachea

Inflammation, Nos

Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_046

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 020.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung
Trachea

Bronchus

Inflammation, Nos
Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_047

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 020.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Congestion, Nos

Cytomegaly

Inflammation, Granulomatous

Monocytosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_048

TRT#: 4
DOSE: 020.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_049

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 020.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Congestion, Nos

Hemorrhage

Inflammation, Granulomatous

Trachea

Hyperplasia, Atypical

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_050

TRT#: 4
DOSE: 020.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Bronchus

Inflammation, Nos
Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 5_001

TRT#: 5
DOSE: 005.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Congestion, Nos
Edema, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 5_003

TRT#: 5
DOSE: 005.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Atrophy, Nos Fibrosis
Larynx		Necrosis, Nos Hyperplasia, Atypical
Liver	Bile Duct	Lymphocytic Inflammatory Infiltrate Perivascularitis
Lung		Edema, Nos
Peritoneum		Inflammation, Nos
Trachea		Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_005

TRT#: 5

SEX: Male

DAY ON TEST:

DOSE: 005.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Larynx

Laryngeal Gland

Laryngeal Gland

Atypia, Nos

Cyst, Nos

Dilatation, Nos

Hyperplasia, Nos

Inflammation, Nos

Metaplasia, Squamous

Papilloma, Nos

Hemorrhage

Lung

Trachea

Gland

Gland

Cyst, Nos

Dilatation, Nos

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 5_006

TRT#: 5
DOSE: 005.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Congestion, Nos
	Bronchus	Inflammation, Nos
		Inflammation, Nos
Trachea		Lymphocytic Inflammatory Infiltrate
Unspecified	Multiple Organs Nos	Leukemia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_007

TRT#: 5

SEX: Male

DAY ON TEST:

DOSE: 005.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Tubule

Cast, Nos

Liver

Tubule

Dilatation, Nos

Spleen

Congestion, Nos

Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 5_008

TRT#: 5
DOSE: 005.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Hemorrhage Hyperplasia, Atypical
	Bronchus	Inflammation, Nos Inflammation, Nos
Trachea		Hyperplasia, Atypical Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 5_009

TRT#: 5
DOSE: 005.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Edema, Nos
Leukocytosis, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_010

TRT#: 5

SEX: Male

DAY ON TEST:

DOSE: 005.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney	Tubule	Atrophy, Nos
	Tubule	Calcification, Nos
	Tubule	Cast, Nos
	Tubule	Dilatation, Nos
		Inflammation, Interstitial
Larynx	Laryngeal Gland	Cyst, Nos
	Laryngeal Gland	Dilatation, Nos
		Hyperplasia, Nos
		Inflammation, Nos
		Metaplasia, Squamous
Liver		Congestion, Nos
		Lymphocytic Inflammatory Infiltrate
Lung		Congestion, Nos
	Bronchus	Inflammation, Nos
		Inflammation, Nos
		Lymphocytic Inflammatory Infiltrate
Trachea	Gland	Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_011

TRT#: 5

SEX: Male

DAY ON TEST:

DOSE: 005.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Trachea

Hemorrhage

Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_012

TRT#: 5

SEX: Male

DAY ON TEST:

DOSE: 005.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Edema, Nos

Trachea

Bronchus

Lymphocytic Inflammatory Infiltrate

Gland

Dilatation, Nos

Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_013

TRT#: 5

SEX: Male

DAY ON TEST:

DOSE: 005.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver

Congestion, Nos

Lung

Inflammation, Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_014

TRT#: 5

SEX: Male

DAY ON TEST:

DOSE: 005.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Larynx

Laryngeal Gland

Dilatation, Nos

Hyperkeratosis

Liver

Congestion, Nos

Necrosis, Nos

Lung

Congestion, Nos

Edema, Nos

Bronchus

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 5_015

TRT#: 5
DOSE: 005.0 MG/M3

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney

Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_016

TRT#: 5

SEX: Male

DAY ON TEST:

DOSE: 005.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Trachea

Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_018

TRT#: 5

SEX: Male

DAY ON TEST:

DOSE: 005.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney	Tubule	Atrophy, Nos
	Tubule	Calcification, Nos
	Tubule	Cast, Nos
	Tubule	Dilatation, Nos
		Perivasculitis
Liver		Congestion, Nos
		Cyst, Nos
		Phagocytic Cell
Lung		Congestion, Nos
		Edema, Nos
		Inflammation, Focal
	Bronchus	Inflammation, Nos
		Lymphocytic Inflammatory Infiltrate
Trachea		Hyperplasia, Nos
		Metaplasia, Squamous
		Squamous Cell Papilloma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_019

TRT#: 5

SEX: Male

DAY ON TEST:

DOSE: 005.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney		Pyelonephritis, Chronic
Larynx		Inflammation, Nos
		Metaplasia, Squamous
Liver		Congestion, Nos
Lung		Granuloma, Nos
	Bronchus	Inflammation, Nos
		Inflammation, Nos
		Lymphocytic Inflammatory Infiltrate
	Alveoli	Psammoma Bodies

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_020

TRT#: 5

SEX: Male

DAY ON TEST:

DOSE: 005.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Congestion, Nos

Trachea

Edema, Nos

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 5_021

TRT#: 5
DOSE: 005.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney

Tubule
Tubule

Atrophy, Nos
Cyst, Nos
Dilatation, Nos
Inflammation, Interstitial
Edema, Nos

Lung

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 5_022

TRT#: 5
DOSE: 005.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Metaplasia, Osseous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 5_023

TRT#: 5
DOSE: 005.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Emphysema, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 5_024

TRT#: 5
DOSE: 005.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Bronchus

Congestion, Nos
Inflammation, Nos
Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_025

TRT#: 5

SEX: Male

DAY ON TEST:

DOSE: 005.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Trachea

Inflammation, Nos

Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_026

TRT#: 5

SEX: Male

DAY ON TEST:

DOSE: 005.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Tubule

Tubule

Liver

Lung

Mucous Gland

Trachea

Gland

Pheochromocytoma

Atrophy, Nos

Calcification, Nos

Dilatation, Nos

Inflammation, Nos

Necrosis, Nos

Congestion, Nos

Corpora Amylacea

Edema, Nos

Hemorrhage

Inflammation, Nos

Corpora Amylacea

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_028

TRT#: 5

SEX: Male

DAY ON TEST:

DOSE: 005.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Tubule

Cast, Nos

Liver

Tubule

Dilatation, Nos

Congestion, Nos

Necrosis, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_029

TRT#: 5

SEX: Male

DAY ON TEST:

DOSE: 005.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Bronchus

Hemorrhage

Inflammation, Nos

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 5_030

TRT#: 5
DOSE: 005.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Inflammation, Interstitial
Liver	Bile Duct	Lymphocytic Inflammatory Infiltrate Perivasculitis
Lung		Congestion, Nos Hemorrhage Inflammation, Focal
	Bronchus	Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 5_031

TRT#: 5
DOSE: 005.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Congestion, Nos
Edema, Nos
Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 5_032

TRT#: 5
DOSE: 005.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_033

TRT#: 5

SEX: Male

DAY ON TEST:

DOSE: 005.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney		Atrophy, Nos
Liver		Amyloidosis
		Necrosis, Nos
Lung	Bronchiole	Distention
		Edema, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
Trachea		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_034

TRT#: 5

SEX: Male

DAY ON TEST:

DOSE: 005.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Tubule

Atrophy, Nos

Degeneration, Hyaline

Tubule

Dilatation, Nos

Liver

Congestion, Nos

Cytoplasmic Vacuolization

Lung

Hemorrhage

Congestion, Nos

Edema, Nos

Inflammation, Focal

Bronchus

Inflammation, Nos

Trachea

Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_035

TRT#: 5

SEX: Male

DAY ON TEST:

DOSE: 005.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Larynx

Inflammation, Nos

Lung

Bronchus

Bronchiectasis

Bronchus

Congestion, Nos

Inflammation, Nos

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_036

TRT#: 5

SEX: Male

DAY ON TEST:

DOSE: 005.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Hemorrhage

Kidney

Pheochromocytoma

Tubule

Atrophy, Nos

Tubule

Calcification, Nos

Tubule

Cyst, Nos

Larynx

Dilatation, Nos

Liver

Hepatic Sinusoid

Lymphocytic Inflammatory Infiltrate

Lung

Congestion, Nos

Congestion, Nos

Edema, Nos

Bronchus

Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 5_037

TRT#: 5
DOSE: 005.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung
Trachea

Congestion, Nos
Fibrosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 5_038

TRT#: 5
DOSE: 005.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Inflammation, Interstitial
Lung		Congestion, Nos
		Hemorrhage
	Bronchus	Inflammation, Nos
		Lymphocytic Inflammatory Infiltrate
Trachea		Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_040

TRT#: 5

SEX: Male

DAY ON TEST:

DOSE: 005.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Tubule

Cast, Nos

Lung

Tubule

Dilatation, Nos

Trachea

Atelectasis

Congestion, Nos

Hyperplasia, Nos

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 6_001

TRT#: 6

SEX: Male

DAY ON TEST:

DOSE: 020.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Spleen

Edema, Nos

Hemorrhage

Trachea

Cartilage

Metaplasia, Osseous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 6_002

TRT#: 6

SEX: Male

DAY ON TEST:

DOSE: 020.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Tubule

Calcification, Nos

Tubule

Cast, Nos

Tubule

Dilatation, Nos

Pelvis

Inflammation, Nos

Liver

Congestion, Nos

Lung

Congestion, Nos

Edema, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 6_003

TRT#: 6

SEX: Male

DAY ON TEST:

DOSE: 020.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Edema, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 6_004

TRT#: 6

SEX: Male

DAY ON TEST:

DOSE: 020.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Alveoli

Congestion, Nos

Edema, Nos

Hemorrhage

Bronchus

Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 6_005

TRT#: 6

SEX: Male

DAY ON TEST:

DOSE: 020.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Congestion, Nos

Trachea

Hemorrhage

Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 6_006

TRT#: 6

SEX: Male

DAY ON TEST:

DOSE: 020.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Tubule

Atrophy, Nos

Cast, Nos

Liver

Tubule

Dilatation, Nos

Necrosis, Nos

Lung

Perivascularitis

Edema, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 6_007

TRT#: 6

SEX: Male

DAY ON TEST:

DOSE: 020.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Tubule

Calcification, Focal

Liver

Dilatation, Nos

Lung

Necrosis, Nos

Congestion, Nos

Trachea

Gland

Hemorrhage

Gland

Corpora Amylacea

Gland

Cyst, Nos

Gland

Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 6_008

TRT#: 6
DOSE: 020.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Larynx		Metaplasia, Squamous
Lung		Hemorrhage
	Bronchus	Inflammation, Nos
		Inflammation, Nos
		Lymphocytic Inflammatory Infiltrate
Trachea		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 6_009

TRT#: 6

SEX: Male

DAY ON TEST:

DOSE: 020.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Glomerulus

Hypertrophy, Nos

Larynx

Cartilage

Metaplasia, Osseous

Liver

Congestion, Nos

Necrosis, Nos

Lung

Congestion, Nos

Edema, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 6_010

TRT#: 6

SEX: Male

DAY ON TEST:

DOSE: 020.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Edema, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 6_011

TRT#: 6

SEX: Male

DAY ON TEST:

DOSE: 020.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Pheochromocytoma

Lung

Leukocytosis, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 6_012

TRT#: 6

SEX: Male

DAY ON TEST:

DOSE: 020.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney	Tubule	Degeneration, Hyaline
	Tubule	Dilatation, Nos
Liver	Bile Duct	Lymphocytic Inflammatory Infiltrate
Lung		Congestion, Nos
		Edema, Nos
		Emphysema, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 6_013

TRT#: 6
DOSE: 020.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney

Tubule
Tubule

Lung

Pheochromocytoma
Atrophy, Nos
Cast, Nos
Dilatation, Nos
Edema, Nos
Emphysema, Nos
Hemorrhage
Metaplasia, Broncho-Alveolar

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 6_014

TRT#: 6

SEX: Male

DAY ON TEST:

DOSE: 020.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney	Congestion, Nos
	Lymphocytic Inflammatory Infiltrate
Larynx	Hyperplasia, Nos
Liver	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 6_016

TRT#: 6

SEX: Male

DAY ON TEST:

DOSE: 020.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney	Necrosis, Nos
Larynx	Hyperplasia, Atypical
	Hyperplasia, Basal Cell
Liver	Lymphocytic Inflammatory Infiltrate
	Necrosis, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 6_017

TRT#: 6

SEX: Male

DAY ON TEST:

DOSE: 020.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Mucous Gland

Congestion, Nos

Corpora Amylacea

Edema, Nos

Metaplasia, Broncho-Alveolar

Trachea

Gland

Corpora Amylacea

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 6_018

TRT#: 6
DOSE: 020.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver
Lung

Bronchus

Necrosis, Nos
Atelectasis
Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 6_019

TRT#: 6
DOSE: 020.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Congestion, Nos Emphysema, Nos Hemorrhage
Trachea	Gland	Dilatation, Nos
Unspecified	Multiple Organs Nos	Abscess, Nos
	Multiple Organs Nos	Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 6_020

TRT#: 6

SEX: Male

DAY ON TEST:

DOSE: 020.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Congestion, Nos

Edema, Nos

Emphysema, Nos

Hemorrhage

Trachea

Gland

Corpora Amylacea

Edema, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 7_001

TRT#: 7
DOSE: 010.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Larynx

Hyperkeratosis
Hyperplasia, Nos
Papilloma, Nos

Lung

Congestion, Nos
Edema, Nos

Spleen

Fibrosis
Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 7_002

TRT#: 7

DOSE: 010.0 MG/M3

SEX: Male

DISP: Natural Death

DAY ON TEST:

HISTO:

OBSERVATIONS

Lung

Trachea

Edema, Nos

Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 7_004

TRT#: 7
DOSE: 010.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Inflammation, Nos
		Inflammation, Nos
Trachea		Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 7_005

TRT#: 7
DOSE: 010.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Larynx		Inflammation, Chronic Metaplasia, Squamous
Lung	Bronchus	Inflammation, Nos Inflammation, Nos Metaplasia, Broncho-Alveolar
Trachea		Hyperplasia, Atypical Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 7_006

TRT#: 7
DOSE: 010.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Larynx

Hyperplasia, Nos

Unspecified

Multiple Organs Nos

Inflammation, Acute

Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 7_007

TRT#: 7
DOSE: 010.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Edema, Nos
		Leukocytosis, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
		Metaplasia, Broncho-Alveolar
Trachea		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 7_008

TRT#: 7
DOSE: 010.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Edema, Nos
Emphysema, Nos
Hyperplasia, Nos
Inflammation, Nos
Hyperplasia, Basal Cell

Bronchus

Trachea

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 7_009

TRT#: 7
DOSE: 010.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Congestion, Nos
Kidney		Congestion, Nos
Liver		Congestion, Nos
Lung	Bronchus	Inflammation, Nos
		Inflammation, Nos
Trachea		Hyperplasia, Atypical
		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 7_010

TRT#: 7

SEX: Male

DAY ON TEST:

DOSE: 010.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Bronchus

Bronchiectasis

Congestion, Nos

Degeneration, Muroid

Trachea

Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 7_011

TRT#: 7
DOSE: 010.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Amyloidosis
		Fibrosis
		Hemorrhage
	Bile Duct	Hyperplasia, Nos
		Necrosis, Nos
Lung	Bronchus	Inflammation, Nos
		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 7_012

TRT#: 7

SEX: Male

DAY ON TEST:

DOSE: 010.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Tubule

Atrophy, Nos

Tubule

Cast, Nos

Dilatation, Nos

Liver

Inflammation, Interstitial

Amyloidosis

Lung

Bronchus

Hemorrhage

Inflammation, Nos

Leukocytosis, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 7_014

TRT#: 7

SEX: Male

DAY ON TEST:

DOSE: 010.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Larynx

Hyperplasia, Atypical
Metaplasia, Squamous

Lung

Congestion, Nos
Edema, Nos

Pharynx

Hyperplasia, Atypical
Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 7_015

TRT#: 7

SEX: Male

DAY ON TEST:

DOSE: 010.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Edema, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 7_016

TRT#: 7
DOSE: 010.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Congestion, Nos
Lung	Bronchus	Bronchiectasis
	Bronchus	Inflammation, Nos
		Inflammation, Nos
Trachea		Hyperplasia, Atypical
		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 7_017

TRT#: 7

DOSE: 010.0 MG/M3

SEX: Male

DISP: Natural Death

DAY ON TEST:

HISTO:

OBSERVATIONS

Lung

Congestion, Nos

Edema, Nos

Emphysema, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 7_018

TRT#: 7

SEX: Male

DAY ON TEST:

DOSE: 010.0 MG/M3

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Trachea

Hyperplasia, Basal Cell

Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 7_019

TRT#: 7
DOSE: 010.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Bronchus

Bronchiectasis
Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 7_020

TRT#: 7
DOSE: 010.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Edema, Nos
Trachea	Metaplasia, Broncho-Alveolar Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 8_001

TRT#: 8
DOSE: 018.6 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Congestion, Nos
Edema, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 8_002

TRT#: 8

SEX: Male

DAY ON TEST:

DOSE: 018.6 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Congestion, Nos

Edema, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 8_003

TRT#: 8

SEX: Male

DAY ON TEST:

DOSE: 018.6 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Atrium	Thrombosis, Nos
Liver		Amyloidosis
		Lymphocytic Inflammatory Infiltrate
Lung		Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 8_004

TRT#: 8
DOSE: 018.6 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Atrophy, Nos
		Inflammation, Nos
Lung	Bronchus	Inflammation, Nos
		Inflammation, Nos
		Lymphocytic Inflammatory Infiltrate
Unspecified		Edema, Nos

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 8_005

TRT#: 8

SEX: Male

DAY ON TEST:

DOSE: 018.6 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Tubule

Atrophy, Nos

Cast, Nos

Degeneration, Hyaline

Tubule

Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 8_006

TRT#: 8

SEX: Male

DAY ON TEST:

DOSE: 018.6 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Atrophy, Nos

Liver

Inflammation, Nos

Hepatocytes

Congestion, Nos

Cytoplasmic Vacuolization

Lung

Hemorrhage

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 8_007

TRT#: 8

SEX: Male

DAY ON TEST:

DOSE: 018.6 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Hyperplasia, Nos

Bronchus

Inflammation, Nos

Trachea

Inflammation, Nos

Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 8_008

TRT#: 8

SEX: Male

DAY ON TEST:

DOSE: 018.6 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Congestion, Nos

Hemosiderosis

Trachea

Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 8_009

TRT#: 8

SEX: Male

DAY ON TEST:

DOSE: 018.6 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney		Lymphocytic Inflammatory Infiltrate
Liver		Amyloidosis
		Congestion, Nos
		Hemorrhage
Lung	Bronchus	Inflammation, Nos
		Inflammation, Nos
		Lymphocytic Inflammatory Infiltrate
Lymph node	Pretracheal Lymph Node	Lymphangiectasis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 8_010

TRT#: 8
DOSE: 018.6 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large
Lung
Trachea

Gastrointestinal Tract

Hemorrhage
Edema, Nos
Hyperplasia, Nos
Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_001

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Emphysema, Nos

Necrosis, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_004

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Calcification, Nos

Liver

Degeneration, Nos

Lung

Necrosis, Nos

Congestion, Nos

Edema, Nos

Emphysema, Nos

Hemorrhage

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_007

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Glomerulus

Atrophy, Nos

Tubule

Degeneration, Hyaline

Tubule

Degeneration, Nos

Liver

Metamorphosis, Fatty

Necrosis, Nos

Lung

Congestion, Nos

Emphysema, Nos

Fibrosis

Hyperplasia, Nos

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 9_009

TRT#: 9
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Bronchiole

Congestion, Nos
Distention
Emphysema, Nos
Hemorrhage
Inflammation, Nos
Inflammation, Nos

Bronchus

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 9_010

TRT#: 9
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Congestion, Nos
	Bronchiole	Distention
	Bronchus	Emphysema, Nos
		Inflammation, Nos
		Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 9_011

TRT#: 9
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Trachea

Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 9_012

TRT#: 9
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Hemorrhage
	Bronchus	Inflammation, Nos
		Inflammation, With Fibrosis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_015

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Edema, Nos

Emphysema, Nos

Hemorrhage

Bronchus

Inflammation, Nos

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_017

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Tubule

Calcification, Nos

Tubule

Degeneration, Hyaline

Tubule

Dilatation, Nos

Lung

Alveolar Epithelium

Atypia, Nos

Congestion, Nos

Edema, Nos

Inflammation, Nos

Bronchiole

Inflammation, Obliterative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_018

TRT#: 9

DOSE: 0

SEX: Male

DISP: Natural Death

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Liver

Lung

Necrosis, Nos

Necrosis, Nos

Edema, Nos

Emphysema, Nos

Hemorrhage

Necrosis, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_019

TRT#: 9

DOSE: 0

SEX: Male

DISP: Natural Death

DAY ON TEST:

HISTO:

OBSERVATIONS

Lung

Congestion, Nos

Edema, Nos

Hemorrhage

Hyperplasia, Nos

Inflammation, Nos

Necrosis, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 9_020

TRT#: 9
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Congestion, Nos
Emphysema, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_021

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Congestion, Nos

Emphysema, Nos

Hyperplasia, Nos

Bronchus

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 9_026

TRT#: 9
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Bronchus

Bronchiectasis
Congestion, Nos
Edema, Nos
Emphysema, Nos
Hemorrhage
Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_027

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Congestion, Nos

Edema, Nos

Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_028

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney	Tubule	Calcification, Nos Degeneration, Hyaline Dilatation, Nos
Liver	Centrilobular	Congestion, Nos Cytoplasmic Vacuolization
Lung	Alveoli	Atypia, Nos Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_029

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Cast, Nos

Cyst, Nos

Liver

Tubule

Dilatation, Nos

Congestion, Nos

Lung

Bile Duct

Cyst, Nos

Fibrosis

Congestion, Nos

Hemorrhage

Hyperplasia, Nos

Inflammation, Nos

Trachea

Hyperplasia, Papillary

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_030

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Bronchus

Bronchiectasis
Congestion, Nos
Emphysema, Nos
Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_033

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Bronchus

Bronchiectasis

Congestion, Nos

Emphysema, Nos

Hyperplasia, Nos

Trachea

Bronchus

Lymphocytic Inflammatory Infiltrate

Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 9_034

TRT#: 9
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Congestion, Nos

Edema, Nos

Hemorrhage

Bronchus

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_035

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Glomerulus

Atrophy, Nos

Liver

Tubule

Dilatation, Nos

Lung

Bronchiole

Congestion, Nos

Metamorphosis, Fatty

Congestion, Nos

Distention

Hyperplasia, Nos

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_039

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Nos

Necrosis, Nos

Liver

Congestion, Chronic

Lung

Bronchus

Bronchiectasis

Congestion, Nos

Bronchus

Inflammation, Nos

Bronchus

Lymphocytic Inflammatory Infiltrate

Unspecified

Multiple Organs Nos

Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 9_040

TRT#: 9
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Congestion, Nos
Emphysema, Nos
Hyperplasia, Nos
Inflammation, Nos
Lymphocytic Inflammatory Infiltrate

Trachea

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 9_042

TRT#: 9
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Congestion, Nos
Emphysema, Nos
Hemorrhage
Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_043

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Congestion, Nos

Hemorrhage

Bronchus

Inflammation, Nos

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 9_044

TRT#: 9
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Congestion, Nos
Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_045

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Tubule

Cast, Nos

Tubule

Dilatation, Nos

Liver

Hemorrhage

Lung

Perivascularitis

Leukocytosis, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_046

TRT#: 9

DOSE: 0

SEX: Male

DISP: Natural Death

DAY ON TEST:

HISTO:

OBSERVATIONS

Lung

Congestion, Nos

Emphysema, Nos

Necrosis, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 9_047

TRT#: 9
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Collapse
Congestion, Nos
Emphysema, Nos
Hyperplasia, Nos
Hyperplasia, Nos

Trachea

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_050

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Congestion, Nos

Emphysema, Nos

Hyperplasia, Nos

Inflammation, Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_051

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Calcification, Nos

Degeneration, Hyaline

Lung

Congestion, Nos

Emphysema, Nos

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_053

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver		Congestion, Chronic
	Bile Duct	Cyst, Nos
		Necrosis, Nos
Lung		Emphysema, Nos
		Hemorrhage
		Hyperplasia, Nos
	Bronchus	Inflammation, Nos
		Inflammation, Nos
Trachea		Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_055

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Congestion, Nos

Emphysema, Nos

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_057

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Bronchus

Bronchiectasis

Congestion, Nos

Bronchiole

Distention

Emphysema, Nos

Hemorrhage

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_058

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Unspecified

Multiple Organs Nos

Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_060

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver		Angiectasis
		Congestion, Nos
	Hepatic Sinusoid	Inflammation, Nos
		Lymphocytic Inflammatory Infiltrate
Lung		Emphysema, Nos
		Hyperplasia, Nos
Skin	Cheek	Basal-Cell Carcinoma
Trachea		Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_062

TRT#: 9

DOSE: 0

SEX: Male

DISP: Natural Death

DAY ON TEST:

HISTO:

OBSERVATIONS

Lung

Edema, Nos

Emphysema, Nos

Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 9_065

TRT#: 9
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Congestion, Nos
Emphysema, Nos
Hemorrhage
Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_067

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Congestion, Nos

Emphysema, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_070

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Leukocytosis, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 9_073

TRT#: 9
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Fibrosis
	Bronchiole	Inflammation, Obliterative
		Inflammation, With Fibrosis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_074

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver		Amyloidosis
Lung		Leukemia, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 9_075

TRT#: 9
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Congestion, Nos
Emphysema, Nos
Hemorrhage
Hyperplasia, Nos
Necrosis, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 9_076

TRT#: 9
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Congestion, Nos
Emphysema, Nos
Hemorrhage
Hyperplasia, Nos
Necrosis, Nos
Lymphocytic Inflammatory Infiltrate

Trachea

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 9_078

TRT#: 9
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Emphysema, Nos
Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_079

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver

Metamorphosis, Fatty

Necrosis, Nos

Lung

Bronchus

Bronchiectasis

Congestion, Nos

Hemorrhage

Hyperplasia, Nos

Bronchus

Inflammation, Nos

Pleura Nos

Inflammation, Nos

Inflammation, Nos

Bronchus

Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_080

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney	Tubule	Degeneration, Hyaline
	Tubule	Dilatation, Nos
Liver	Bile Duct	Lymphocytic Inflammatory Infiltrate
		Perivascularitis
Lung		Congestion, Nos
		Edema, Interstitial
		Hemorrhage
		Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_085

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large
Liver

Cecum, Colon

Hemorrhage
Congestion, Nos
Fibrosis
Necrosis, Nos

Lung

Bronchus
Bronchiole

Bronchiectasis
Distention
Emphysema, Nos
Hyperplasia, Nos
Hyperplasia, Papillary

Trachea

Bronchus
Bronchus

Inflammation, Nos
Lymphocytic Inflammatory Infiltrate
Hyperplasia, Nos
Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_087

TRT#: 9

DOSE: 0

SEX: Male

DISP: Natural Death

DAY ON TEST:

HISTO:

OBSERVATIONS

Liver	Cytoplasmic Vacuolization
Lung	Congestion, Nos
	Edema, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_088

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Congestion, Nos

Trachea

Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_090

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Liver

Lung

Tubule

Cortical Carcinoma

Degeneration, Nos

Congestion, Nos

Congestion, Nos

Cortical Carcinoma, Metastatic

Emphysema, Nos

Hemorrhage

Hyperplasia, Nos

Necrosis, Nos

Hyperplasia, Nos

Trachea

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_091

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Bronchiole

Distention

Emphysema, Nos

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_095

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney		Congestion, Nos
	Glomerulus	Inflammation, Nos
Liver		Necrosis, Nos
		Perivascularitis
Lung		Congestion, Nos
		Lymphocytic Inflammatory Infiltrate
Trachea		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 9_102

TRT#: 9
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Congestion, Nos
Edema, Nos
Emphysema, Nos
Hemorrhage
Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 9_104

TRT#: 9
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Edema, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_105

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Congestion, Nos

Emphysema, Nos

Hemorrhage

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_109

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Congestion, Nos

Emphysema, Nos

Inflammation, Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_110

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Emphysema, Nos

Hyperplasia, Nos

Bronchus

Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_111

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Emphysema, Nos

Hyperplasia, Nos

Inflammation, Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_114

TRT#: 9

DOSE: 0

SEX: Male

DISP: Natural Death

DAY ON TEST:

HISTO:

OBSERVATIONS

Lung

Congestion, Nos

Emphysema, Nos

Fibrosis

Hyperplasia, Nos

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_119

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Bronchus
Bronchiole

Bronchiectasis
Distention
Emphysema, Nos
Hemorrhage
Hemosiderosis
Hyperplasia, Nos
Inflammation, Nos
Inflammation, Nos
Lymphocytic Inflammatory Infiltrate
Hyperplasia, Nos

Trachea

Bronchus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_120

TRT#: 9

DOSE: 0

SEX: Male

DISP: Natural Death

DAY ON TEST:

HISTO:

OBSERVATIONS

Lung

Edema, Nos

Emphysema, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 9_123

TRT#: 9
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Congestion, Nos Emphysema, Nos Hemorrhage Hyperplasia, Nos
	Bronchus	Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
Trachea		Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_130

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney		Degeneration, Hyaline
Liver	Bile Duct	Cyst, Nos Fibrosis
Lung	Bronchus	Bronchiectasis Congestion, Nos Emphysema, Nos Inflammation, Focal
	Bronchus	Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_132

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Congestion, Nos

Emphysema, Nos

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_135

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Congestion, Nos

Emphysema, Nos

Hyperplasia, Nos

Trachea

Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 9_136

TRT#: 9
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Bronchus

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_141

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney	Tubule	Cast, Bile
Liver		Hemorrhage
		Necrosis, Focal
Lung		Edema, Nos
		Hemorrhage
	Bronchus	Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 9_142

TRT#: 9
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Congestion, Nos
Hemorrhage
Hyperplasia, Nos
Inflammation, Nos
Inflammation, Nos

Bronchus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_143

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Tubule

Degeneration, Nos

Liver

Bile Duct

Cyst, Nos

Bile Duct

Hyperplasia, Nos

Necrosis, Nos

Lung

Bronchus

Bronchiectasis

Collapse

Emphysema, Nos

Hyperplasia, Nos

Trachea

Bronchus

Inflammation, Nos

Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 9_145

TRT#: 9
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney

Liver

Lung

Nephrosis, Nos

Congestion, Nos

Necrosis, Nos

Congestion, Nos

Edema, Nos

Emphysema, Nos

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_146

TRT#: 9

DOSE: 0

SEX: Male

DISP: Natural Death

DAY ON TEST:

HISTO:

OBSERVATIONS

Lung

Congestion, Nos

Edema, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_147

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney	Tubule	Degeneration, Nos
Liver		Congestion, Nos
		Necrosis, Nos
Lung	Bronchus	Inflammation, Nos
		Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 9_148

TRT#: 9
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Edema, Nos
Emphysema, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_150

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney	Tubule	Degeneration, Nos
Liver		Congestion, Nos
		Metamorphosis, Fatty
		Necrosis, Nos
Lung		Congestion, Nos
		Edema, Nos
		Emphysema, Nos
		Hemorrhage
		Hyperplasia, Nos
	Bronchus	Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
		Pneumonia, Lobar Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_151

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney		Amyloidosis
Liver		Amyloidosis
Lung	Bronchus	Metamorphosis, Fatty Bronchiectasis Congestion, Nos Emphysema, Nos Inflammation, Nos
Trachea	Bronchus	Lymphocytic Inflammatory Infiltrate Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_152

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Emphysema, Nos

Metaplasia, Osseous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 9_154

TRT#: 9
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Lung

Pheochromocytoma
Degeneration, Nos
Emphysema, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_155

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Amyloidosis

Atrophy, Nos

Atypia, Nos

Calcification, Nos

Dilatation, Nos

Fibrosis

Psammoma Bodies

Pyelonephritis, Nos

Tubule

Tubule

Liver

Amyloidosis

Lung

Edema, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_158

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Trachea

Congestion, Nos

Hyperplasia, Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_159

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Degeneration, Nos

Liver

Congestion, Nos

Necrosis, Nos

Lung

Congestion, Nos

Edema, Nos

Emphysema, Nos

Fibrosis

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_161

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney	Glomerulus	Atrophy, Nos
	Tubule	Degeneration, Nos
Liver		Congestion, Nos
		Lymphocytic Inflammatory Infiltrate
Lung		Congestion, Nos
		Inflammation, Nos
		Metaplasia, Osseous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_163

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Congestion, Nos

Bronchus

Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_165

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Glomerulus

Atrophy, Nos

Degeneration, Hyaline

Tubule

Degeneration, Nos

Liver

Congestion, Nos

Lung

Congestion, Nos

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_166

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Calcification, Nos

Nephrosis, Nos

Liver

Bile Duct

Fibrosis

Lung

Collapse

Congestion, Nos

Emphysema, Nos

Hemorrhage

Inflammation, Nos

Metaplasia, Osseous

Bronchiole

Necrosis, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_168

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver

Degeneration, Nos

Lung

Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_170

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Bronchiole

Congestion, Nos

Distention

Inflammation, Nos

Trachea

Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 9_171

TRT#: 9
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Congestion, Nos
Emphysema, Nos
Fibrosis
Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_172

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney	Tubule	Cast, Nos
	Tubule	Dilatation, Nos
Liver		Congestion, Nos
	Bile Duct	Cyst, Nos
		Lymphocytic Inflammatory Infiltrate
		Metamorphosis, Fatty
Lung		Congestion, Nos
		Inflammation, Nos
Spleen		Hemangioma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 9_173

TRT#: 9
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Congestion, Nos
Fibrosis
Hyperplasia, Nos
Inflammation, Nos
Inflammation, Nos

Bronchus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 9_174

TRT#: 9
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Bronchus

Bronchiectasis
Congestion, Nos
Hyperplasia, Nos
Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 9_180

TRT#: 9
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Emphysema, Nos
Hemorrhage
Necrosis, Nos

Bronchus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 9_182

TRT#: 9
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver

Bile Duct

Lung

Congestion, Nos
Cyst, Nos
Necrosis, Nos
Collapse
Congestion, Nos
Emphysema, Nos
Hemorrhage
Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_184

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney		Atrophy, Nos
	Tubule	Degeneration, Nos
Liver		Congestion, Nos
Lung	Bronchus	Bronchiectasis
		Edema, Nos
		Emphysema, Nos
		Hyperplasia, Nos
	Bronchus	Inflammation, Nos
		Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 9_185

TRT#: 9
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Inflammation, Interstitial
Liver		Congestion, Nos
	Bile Duct	Cyst, Nos
Lung	Bronchiole	Distention
		Emphysema, Nos
		Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 9_189

TRT#: 9
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Congestion, Nos
Edema, Nos
Emphysema, Nos
Hemorrhage
Inflammation, Nos
Inflammation, Nos

Bronchus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_192

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Edema, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_194

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Medulla

Atrophy, Nos

Calcification, Nos

Tubule

Calcification, Nos

Tubule

Degeneration, Hyaline

Tubule

Dilatation, Nos

Liver

Fibrosis

Lung

Cytoplasmic Vacuolization

Atypia, Nos

Emphysema, Nos

Inflammation, Nos

Bronchiole

Inflammation, Obliterative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 9_196

TRT#: 9
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Collapse
Emphysema, Nos
Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_198

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Congestion, Nos

Hemorrhage

Hyperplasia, Nos

Bronchus

Inflammation, Nos

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_199

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Bronchiole

Congestion, Nos

Distention

Emphysema, Nos

Fibrosis

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 9_203

TRT#: 9
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Congestion, Nos
	Bronchiole	Distention Emphysema, Nos Inflammation, Nos Metaplasia, Osseous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 9_209

TRT#: 9
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Infarct, Nos

Kidney

Thrombosis, Nos

Tubule

Atrophy, Nos

Tubule

Calcification, Nos

Lung

Dilatation, Nos

Edema, Nos

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_210

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Lung

Congestion, Nos

Emphysema, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_212

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Tubule

Atrophy, Nos

Tubule

Dilatation, Nos

Lung

Bronchiole

Congestion, Nos

Distention

Emphysema, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 9_213

TRT#: 9
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Congestion, Nos
Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 9_215

TRT#: 9
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Congestion, Nos
Edema, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 9_216

TRT#: 9
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Congestion, Nos
Emphysema, Nos
Hemorrhage
Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_217

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Tubule

Atrophy, Nos

Dilatation, Nos

Lung

Emphysema, Nos

Trachea

Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_219

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney	Tubule	Degeneration, Nos Inflammation, Nos
Liver		Congestion, Nos Metamorphosis, Fatty
Lung	Bronchiole	Congestion, Nos Distention
	Bronchus	Emphysema, Nos Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_221

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Bronchus

Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 9_223

TRT#: 9
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Congestion, Nos
Fibrosis
Hyperplasia, Nos
Inflammation, Nos
Hyperplasia, Nos

Trachea

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 9_224

TRT#: 9
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchiole	Distention Edema, Nos Hemorrhage Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_228

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney
Lung

Tubule

Degeneration, Nos
Congestion, Nos
Edema, Nos
Hyperplasia, Nos
Inflammation, Nos
Hyperplasia, Nos

Trachea

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_229

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Congestion, Nos

Emphysema, Nos

Hemorrhage

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 9_230

TRT#: 9
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Congestion, Nos
Emphysema, Nos
Hyperplasia, Nos
Lymphocytic Inflammatory Infiltrate

Bronchus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_236

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Bronchiole

Distention

Edema, Nos

Emphysema, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691
Test Type: Long-Term
Route: Inhalation
Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Calcium chromate
CAS Number: 13765-19-0

Date Report Requested: 10/26/2014
Time Report Requested: 11:06:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 9_237

TRT#: 9
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Bronchiole

Congestion, Nos
Distention
Hemorrhage
Hyperplasia, Nos
Inflammation, Nos
Metaplasia, Osseous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00691

Test Type: Long-Term

Route: Inhalation

Species/Strain: Hamsters/Syrian Golden

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium chromate

CAS Number: 13765-19-0

Date Report Requested: 10/26/2014

Time Report Requested: 11:06:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 9_238

TRT#: 9

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney		Atrophy, Nos Calcification, Nos
Liver	Tubule	Dilatation, Nos Congestion, Nos Fibrosis Necrosis, Nos
Lung	Bronchus	Bronchiectasis Emphysema, Nos Hemorrhage Hyperplasia, Nos Inflammation, Nos
Trachea	Bronchus	Lymphocytic Inflammatory Infiltrate Metaplasia, Osseous Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****

* PROTOCOL REQUIRED TISSUE