

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:34

First Dose M/F: NA / NA

Lab: NA

C Number: C02937

Cage Range: All

Date Range: All

Reasons For Removal: All

Removal Date Range: All

Treatment Groups: All

Study Gender: Male

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_001

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Testis

Thyroid

Myocardium Nos

Pheochromocytoma

Inflammation, Chronic Focal

Inflammation, Chronic Focal

Interstitial-Cell Tumor

C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_002

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Inflammation, Chronic Focal
Mammary gland		Adenocarcinoma, Nos
Pituitary gland		Chromophobe Adenoma
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_003

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung		Alveolar/Bronchiolar Adenoma
Mammary gland		Lipoma
Salivary gland		Inflammation, Acute/Chronic
Skin	Shoulder	Trichoepithelioma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_004

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Testis

Pheochromocytoma

Inflammation, Chronic Focal

Sclerosis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_005

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney	Inflammation, Chronic Nephropathy
Liver	Metamorphosis, Fatty Necrosis, Focal
Mammary gland	Lipoma
Pituitary gland	Chromophobe Carcinoma
Testis	Interstitial-Cell Tumor
Urinary bladder	Calculus, Unknown Gross Or Micro

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_006

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Blood	Hematopoietic System	Neoplasm, Nos
Eye		Cataract
	Retina	Degeneration, Nos
	Cornea	Inflammation, Suppurative
Intestine Small	Mesentery Nos	Inflammation, Granulomatous Focal
Kidney	Tubule	Nephrosis, Toxic
Liver	Bile Duct	Hyperplasia, Focal
Mammary gland		Dilatation, Ducts
		Hyperplasia, Diffuse
Stomach		Ulcer, Focal
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_007

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Testis

Unspecified

Multiple Organs Nos

Pheochromocytoma

Interstitial-Cell Tumor

Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_008

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic Focal Nephropathy
Liver		Metamorphosis, Fatty
Lung	Alveoli	Histiocytosis
Mammary gland		Dilatation, Ducts Hyperplasia, Diffuse
Pituitary gland		Chromophobe Carcinoma
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_009

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Myocardium Nos

Liver

Testis

Thyroid

Hepatocytes

Pheochromocytoma

Inflammation, Chronic Focal

Inflammation, Chronic Focal

Nephropathy

Hyperplasia, Focal

Interstitial-Cell Tumor

C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_010

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Bone marrow

Heart

Kidney

Liver

Testis

Unspecified

Myocardium Nos

Myocardium Nos

Atrium

Bile Duct

Multiple Organs Nos

Pheochromocytoma

Hyperplasia, Diffuse

Degeneration, Nos

Inflammation, Chronic Focal

Thrombus, Organized

Inflammation, Chronic Focal

Nephropathy

Hyperplasia, Focal

Interstitial-Cell Tumor

Hemangiosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_011

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Focal

Heart

Myocardium Nos

Degeneration, Nos

Myocardium Nos

Inflammation, Chronic Focal

Atrium

Thrombus, Organized

Liver

Hepatocytes

Hyperplasia, Focal

Lymph node

Mesenteric Lymph Node

Congestion, Nos

Pituitary gland

Chromophobe Adenoma

Testis

Atrophy, Diffuse

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_012

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Brain

Heart

Testis

Unspecified

Myocardium Nos

Myocardium Nos

Multiple Organs Nos

Pheochromocytoma

Hemorrhage

Degeneration, Nos

Inflammation, Chronic Focal

Interstitial-Cell Tumor

Leukemia, Monocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_013

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
	Myocardium Nos	Inflammation, Chronic Focal
Liver		Inflammation, Chronic Focal
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_014

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Pituitary gland

Testis

Myocardium Nos

Pheochromocytoma

Inflammation, Chronic Focal

Inflammation, Chronic Focal

Nephropathy

Chromophobe Adenoma

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_015

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Pituitary gland

Testis

Thyroid

Myocardium Nos

Pheochromocytoma

Inflammation, Chronic Focal

Chromophobe Adenoma

Interstitial-Cell Tumor

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_016

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Epicardium	Inflammation, Chronic Focal
	Myocardium Nos	Inflammation, Chronic Focal
Liver	Centrilobular	Inflammation, Necrotizing
		Metamorphosis, Fatty
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Mesothelioma, Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_017

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic Focal
Nephropathy

Mammary gland

Dilatation, Ducts
Hyperplasia, Diffuse

Pituitary gland

Chromophobe Carcinoma

Stomach

Mucosa

Ulcer, Chronic

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_018

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Bone marrow

Heart

Mammary gland

Testis

Myocardium Nos

Hyperplasia, Diffuse

Inflammation, Chronic Focal

Trichoepithelioma

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_019

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart

Myocardium Nos

Inflammation, Chronic Focal

Testis

Interstitial-Cell Tumor

Lipoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_020

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Myocardium Nos

Liver

Testis

Centrilobular

Pheochromocytoma

Inflammation, Chronic Focal

Inflammation, Chronic Focal

Nephropathy

Necrosis, Focal

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_021

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic Focal
Lung		Alveolar/Bronchiolar Adenoma
Pancreas	Acinus	Atrophy, Focal
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_022

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Mammary gland

Pituitary gland

Myocardium Nos

Cortical Adenoma

Inflammation, Chronic Focal

Inflammation, Chronic Focal

Nephropathy

Metamorphosis, Fatty

Dilatation, Ducts

Hyperplasia, Diffuse

Chromophobe Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_023

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic Focal
Lung		Squamous Cell Carcinoma, Metastatic
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Mammary gland		Dilatation, Ducts
		Hyperplasia, Diffuse
Pancreas	Acinus	Atrophy, Focal
Pituitary gland		Chromophobe Adenoma
Skin	Head	Squamous Cell Carcinoma
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_024

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Mammary gland

Pituitary gland

Testis

Myocardium Nos

Pheochromocytoma

Inflammation, Chronic Focal

Inflammation, Chronic Focal

Nephropathy

Hepatocellular Adenoma

Hyperplasia, Diffuse

Cyst, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_025

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye		Squamous Cell Carcinoma
Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Inflammation, Focal
		Nephropathy
Lymph node		Interstitial-Cell Tumor, Metastatic
Spleen		Lymphoma, Nos-Malignant
Testis		Interstitial-Cell Tumor, Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_026

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Inflammation, Chronic Focal
		Nephropathy
Liver	Bile Duct	Hyperplasia, Focal
	Hepatocytes	Hyperplasia, Focal
Mammary gland		Dilatation, Ducts
		Hyperplasia, Diffuse
Thyroid		C-Cell Adenoma
Unspecified	Groin	Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_027

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Blood	Hematopoietic System	Neoplasm, Nos
Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Inflammation, Chronic Focal
		Nephropathy
Liver	Hepatocytes	Hyperplasia, Nodular
Pancreas	Islets	Islet-Cell Carcinoma
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_028

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Inflammation, Chronic Focal Nephropathy
Lung		Adenocarcinoma, Nos, Metastatic
Mammary gland		Adenocarcinoma, Nos
Skin	Foot And Toe Nos	Squamous Cell Papilloma
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_029

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Inflammation, Chronic Focal Nephropathy
Liver	Hepatocytes	Hyperplasia, Focal
Pituitary gland		Chromophobe Adenoma Cyst, Multiple
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_030

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Blood vessel

Heart

Lung

Testis

Mesenteric Artery Nos

Myocardium Nos

Cortical Adenoma

Inflammation, Chronic Diffuse

Inflammation, Chronic Focal

Alveolar/Bronchiolar Adenoma

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_031

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Inflammation, Chronic Focal
		Nephropathy
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_032

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Prostate

Salivary gland

Testis

Myocardium Nos

Tunica Vaginalis

Pheochromocytoma

Inflammation, Chronic Focal

Inflammation, Suppurative

Atrophy, Focal

Interstitial-Cell Tumor

Mesothelioma, Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_033

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye

Heart

Kidney

Testis

Myocardium Nos

Squamous Cell Carcinoma

Inflammation, Chronic Focal

Inflammation, Chronic Focal

Nephropathy

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_034

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Inflammation, Chronic Focal Nephropathy
Prostate		Inflammation, Suppurative
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_035

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Inflammation, Chronic Focal Nephropathy
Pancreas	Acinus	Atrophy, Focal
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_036

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Inflammation, Chronic Focal Nephropathy
Pituitary gland		Chromophobe Adenoma
Prostate		Inflammation, Suppurative
Skin	Groin	Squamous Cell Carcinoma
Spleen		Fibrosis, Focal
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:34

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_037

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic Focal
Liver	Hepatocytes	Hyperplasia, Focal
Prostate		Inflammation, Suppurative
Skin		Trichoepithelioma
Testis		Interstitial-Cell Tumor
	Tunica Vaginalis	Mesothelioma, Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_038

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Pituitary gland

Testis

Myocardium Nos

Pheochromocytoma

Inflammation, Chronic Focal

Chromophobe Adenoma

Cyst, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_039

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Inflammation, Chronic Focal Nephropathy
Mammary gland		Adenocarcinoma, Nos Fibroadenoma
Pituitary gland		Chromophobe Adenoma
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_040

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Inflammation, Chronic Focal Nephropathy
Mammary gland		Dilatation, Ducts Hyperplasia, Diffuse
Pituitary gland		Chromophobe Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_041

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic Focal
Intestine Small	Mesentery Nos	Inflammation, Granulomatous Focal
Kidney		Inflammation, Chronic Focal
		Nephropathy
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_042

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic Focal
Intestine Large	Colon	Nematodiasis
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_043

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Myocardium Nos

Liver

Testis

Hepatocytes

Pheochromocytoma

Inflammation, Chronic Focal

Inflammation, Chronic Focal

Nephropathy

Hyperplasia, Focal

Hemangiosarcoma

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_044

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Lung

Testis

Myocardium Nos

Pheochromocytoma, Malignant

Inflammation, Chronic Focal

Inflammation, Chronic Focal

Nephropathy

Alveolar/Bronchiolar Adenoma

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_045

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Testis

Thyroid

Myocardium Nos

Pheochromocytoma

Inflammation, Chronic Focal

Inflammation, Chronic Focal

Nephropathy

Interstitial-Cell Tumor

C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_046

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Pancreas

Pituitary gland

Testis

Myocardium Nos

Acinus

Cortical Adenoma

Inflammation, Chronic Focal

Inflammation, Chronic Focal

Nephropathy

Atrophy, Focal

Chromophobe Adenoma

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_047

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic Focal
Liver	Centrilobular	Inflammation, Chronic Necrotizing
Unspecified	Adipose Tissue	Inflammation, Necro Granulomatous
	Multiple Organs Nos	Leukemia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_048

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Pancreas

Testis

Thyroid

Acinus

Pheochromocytoma

Inflammation, Chronic Focal

Nephropathy

Atrophy, Focal

Interstitial-Cell Tumor

C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_049

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Blood	Hematopoietic System	Neoplasm, Nos
Heart	Myocardium Nos	Inflammation, Chronic Focal
Mammary gland		Fibroadenocarcinoma
Pituitary gland		Chromophobe Adenoma
Skin	Tail	Trichoepithelioma
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_050

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic Focal
Liver		Inflammation, Necrotizing
Mammary gland		Hyperplasia, Diffuse
Skeletal muscle	Neck	Rhabdomyosarcoma
Skin	Neck	Squamous Cell Carcinoma
Unspecified	Adipose Tissue	Inflammation, Necro Granulomatous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_101

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Blood	Hematopoietic System	Neoplasm, Nos
Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Inflammation, Chronic Focal
		Nephropathy
Pancreas		Inflammation, Chronic Focal
Pituitary gland		Cyst, Nos
Skin		Trichoepithelioma
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_102

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Inflammation, Chronic Focal Nephropathy
Liver	Bile Duct	Hepatocellular Adenoma
Mammary gland		Hyperplasia, Focal
Pituitary gland		Fibroadenoma
		Hyperplasia, Diffuse
	Chromophobe Adenoma	
	Cyst, Nos	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_103

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Inflammation, Chronic Focal Nephropathy
Lymph node	Mandibular Lymph Node	Inflammation, Granulomatous Focal
Mammary gland		Hyperplasia, Diffuse
Pancreas	Acinus	Atrophy, Focal
Pituitary gland		Chromophobe Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_104

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain	Cerebellum Nos	Astrocytoma
Heart	Myocardium Nos	Inflammation, Chronic Focal
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_105

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic Focal
Testis		Interstitial-Cell Tumor
Unspecified		Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_106

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Inflammation, Chronic Focal Nephropathy
Liver	Hepatocytes	Hyperplasia, Focal
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_107

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Blood	Hematopoietic System	Neoplasm, Nos
Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Inflammation, Chronic Focal
		Nephropathy
Liver	Bile Duct	Calculus, Unknown Gross Or Micro
	Hepatocytes	Hyperplasia, Focal
		Thrombus, Organized
Pituitary gland		Chromophobe Adenoma
Unspecified		Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_108

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Blood	Hematopoietic System	Neoplasm, Nos
Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Inflammation, Chronic Focal
		Nephropathy
Liver	Hepatocytes	Hyperplasia, Focal
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_109

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Accidentally Killed

HISTO:

OBSERVATIONS

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_110

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Intestine Large

Kidney

Liver

Myocardium Nos

Colon

Hepatocytes

Pheochromocytoma

Inflammation, Chronic Focal

Nematodiasis

Inflammation, Chronic Focal

Nephropathy

Hyperplasia, Focal

Metamorphosis, Fatty

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_111

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic Focal
Nephropathy

Liver

Metamorphosis, Fatty

Lung

Alveolar/Bronchiolar Adenoma

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_112

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Nos
		Inflammation, Chronic Diffuse
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_113

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Blood	Hematopoietic System	Neoplasm, Nos
Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Inflammation, Chronic Focal
		Nephropathy
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_114

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain	Cerebrum	Astrocytoma
Heart	Myocardium Nos	Inflammation, Chronic Focal
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_115

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Inflammation, Chronic Focal
		Nephropathy
Skin	Eyelid Nos	Squamous Cell Carcinoma
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_116

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hemorrhage

Heart

Myocardium Nos

Inflammation, Chronic Focal

Kidney

Inflammation, Chronic Focal

Nephropathy

Liver

Centrilobular

Congestion, Nos

Centrilobular

Hemorrhage

Bile Duct

Hyperplasia, Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_117

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Inflammation, Chronic Focal Nephropathy
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_118

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Inflammation, Chronic Focal Nephropathy
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_119

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Testis

Myocardium Nos

Pheochromocytoma

Inflammation, Chronic Focal

Inflammation, Chronic Focal

Nephropathy

Hepatocellular Adenoma

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_120

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Blood	Hematopoietic System	Neoplasm, Nos
Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Inflammation, Chronic Focal
		Nephropathy
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Axilla	Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_121

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal
		Inflammation, Granulomatous Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_122

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Blood

Heart

Kidney

Liver

Pituitary gland

Testis

Thyroid

Hematopoietic System

Myocardium Nos

Pheochromocytoma

Neoplasm, Nos

Inflammation, Chronic Focal

Inflammation, Chronic Diffuse

Nephropathy

Hepatocellular Adenoma

Chromophobe Adenoma

Interstitial-Cell Tumor

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_123

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Pituitary gland

Testis

Myocardium Nos

Cortical Adenoma

Inflammation, Chronic Focal

Inflammation, Chronic Focal

Nephropathy

Metamorphosis, Fatty

Chromophobe Adenoma

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_124

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Pheochromocytoma

Infarct, Focal

Inflammation, Chronic Focal

Nephropathy

Pituitary gland

Unspecified

Multiple Organs Nos

Chromophobe Carcinoma

Leukemia, Monocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_125

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Mammary gland

Pituitary gland

Prostate

Testis

Unspecified

Myocardium Nos

Multiple Organs Nos

Pheochromocytoma

Inflammation, Chronic Focal

Inflammation, Chronic Focal

Nephrosis, Nos

Hyperplasia, Diffuse

Acidophil Carcinoma

Inflammation, Necrotizing

Interstitial-Cell Tumor

Leukemia, Monocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_126

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Inflammation, Chronic Focal Nephropathy
Testis		Interstitial-Cell Tumor
Unspecified		Trichoepithelioma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_127

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Pituitary gland

Salivary gland

Unspecified

Myocardium Nos

Multiple Organs Nos

Pheochromocytoma

Inflammation, Chronic Focal

Chromophobe Adenoma

Inflammation, Chronic Focal

Leukemia, Monocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_128

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Heart

Myocardium Nos

Inflammation, Chronic Focal

Kidney

Inflammation, Chronic Focal

Pituitary gland

Nephropathy

Testis

Chromophobe Adenoma

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_129

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic Focal
Nephropathy

Liver

Hepatocytes

Hyperplasia, Focal

Testis

Interstitial-Cell Tumor

Thyroid

C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_130

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Blood

Hematopoietic System

Neoplasm, Nos

Liver

Metamorphosis, Fatty

Pituitary gland

Chromophobe Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_131

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Inflammation, Chronic Focal Nephropathy
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_133

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Blood

Hematopoietic System

Neoplasm, Nos

Mammary gland

Hyperplasia, Focal

Pituitary gland

Chromophobe Adenoma

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_134

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Bone marrow

Heart

Liver

Lung

Pituitary gland

Testis

Unspecified

Myocardium Nos

Bile Duct

Multiple Organs Nos

Hyperplasia, Diffuse

Inflammation, Chronic Focal

Hyperplasia, Focal

Alveolar/Bronchiolar Adenoma

Chromophobe Adenoma

Interstitial-Cell Tumor

Leukemia, Monocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_135

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic Focal
Nephropathy

Pituitary gland

Chromophobe Adenoma

Testis

Interstitial-Cell Tumor

Thyroid

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_136

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Inflammation, Chronic Focal Nephropathy
Lung		Alveolar/Bronchiolar Adenoma
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_137

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Myocardium Nos

Skin

Stomach

Testis

Head

Pheochromocytoma

Inflammation, Chronic Focal

Inflammation, Chronic Focal

Nephropathy

Squamous Cell Carcinoma

Inflammation, Acute/Chronic

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_138

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Inflammation, Chronic Focal Nephropathy
Liver	Hepatocytes	Hyperplasia, Focal
Lung		Alveolar/Bronchiolar Adenoma
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_139

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic Focal
	Atrium	Thrombus, Organized
Kidney		Inflammation, Chronic Focal
		Nephropathy
Liver	Hepatocytes	Hyperplasia, Focal
Pituitary gland		Chromophobe Adenoma
Testis		Interstitial-Cell Tumor
	Tunica Vaginalis	Mesothelioma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_140

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow

Hemorrhage

Testis

Hyperplasia, Diffuse

Unspecified

Multiple Organs Nos

Interstitial-Cell Tumor

Leukemia, Monocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_141

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Pituitary gland

Testis

Myocardium Nos

Tunica Vaginalis

Cortical Adenoma

Inflammation, Chronic Focal

Inflammation, Chronic Focal

Nephropathy

Inflammation, Chronic Focal

Chromophobe Adenoma

Interstitial-Cell Tumor

Mesothelioma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_142

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Blood	Hematopoietic System	Neoplasm, Nos
Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Inflammation, Chronic Focal
		Nephropathy
Liver	Hepatocytes	Hyperplasia, Focal
Lymph node	Mesenteric Lymph Node	Congestion, Nos
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_143

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Blood

Hematopoietic System

Neoplasm, Nos

Heart

Myocardium Nos

Inflammation, Chronic Focal

Kidney

Inflammation, Chronic Focal

Testis

Nephropathy

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_144

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Pheochromocytoma

Heart

Myocardium Nos

Inflammation, Chronic Focal

Kidney

Inflammation, Chronic Focal

Thyroid

Nephropathy

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_145

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Heart

Myocardium Nos

Inflammation, Chronic Focal

Kidney

Inflammation, Chronic Focal

Testis

Nephropathy

Unspecified

Interstitial-Cell Tumor

Lipoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_146

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Blood

Heart

Kidney

Lung

Pituitary gland

Testis

Hematopoietic System

Myocardium Nos

Pheochromocytoma

Neoplasm, Nos

Inflammation, Chronic Focal

Inflammation, Chronic Focal

Nephropathy

Alveolar/Bronchiolar Adenoma

Chromophobe Adenoma

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_147

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Inflammation, Chronic Focal Nephropathy
Liver	Hepatocytes	Hyperplasia, Focal
Lung		Alveolar/Bronchiolar Adenoma
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_148

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Bone marrow

Heart

Kidney

Myocardium Nos

Hyperplasia, Diffuse

Inflammation, Chronic Focal

Inflammation, Chronic Focal

Nephropathy

Testis

Unspecified

Multiple Organs Nos

Interstitial-Cell Tumor

Leukemia, Monocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_149

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Pituitary gland

Testis

Myocardium Nos

Cortical Adenoma

Inflammation, Chronic Focal

Inflammation, Chronic Focal

Nephropathy

Chromophobe Adenoma

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_150

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Blood

Heart

Kidney

Pituitary gland

Testis

Unspecified

Hematopoietic System

Myocardium Nos

Multiple Organs Nos

Pheochromocytoma

Neoplasm, Nos

Inflammation, Chronic Focal

Inflammation, Chronic Focal

Nephropathy

Cyst, Nos

Interstitial-Cell Tumor

Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_201

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Inflammation, Chronic Focal Nephropathy
Liver	Bile Duct	Hyperplasia, Focal
Pituitary gland		Acidophil Adenoma
Prostate		Inflammation, Acute/Chronic
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_202

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Inflammation, Chronic Focal Nephropathy
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_203

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow

Heart

Kidney

Myocardium Nos

Fibrosarcoma, Metastatic

Inflammation, Chronic Focal

Fibrosarcoma, Metastatic

Inflammation, Chronic Focal

Nephropathy

Liver

Lung

Pituitary gland

Prostate

Fibrosarcoma, Metastatic

Fibrosarcoma, Metastatic

Chromophobe Adenoma

Inflammation, Active Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_204

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Inflammation, Chronic Focal Nephropathy
Pancreas	Acinus	Atrophy, Focal
Pituitary gland		Chromophobe Adenoma
Testis		Interstitial-Cell Tumor
Unspecified	Axilla	Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_205

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic Focal
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Monocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_206

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Inflammation, Chronic Focal
		Nephropathy
Pancreas		Periarteritis
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_207

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Lung

Testis

Myocardium Nos

Pheochromocytoma

Inflammation, Chronic Focal

Inflammation, Chronic Focal

Nephropathy

Alveolar/Bronchiolar Adenoma

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_208

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Inflammation, Chronic Focal Nephropathy
Pituitary gland		Chromophobe Adenoma
Prostate		Inflammation, Active Chronic
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_209

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Inflammation, Chronic Focal Nephropathy
Liver		Hepatocellular Adenoma
Lymph node	Mesenteric Lymph Node	Congestion, Nos
Pituitary gland		Chromophobe Adenoma
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_210

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic Focal
Unspecified	Multiple Organs Nos	Leukemia, Monocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_211

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic Focal
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Mesothelioma, Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_212

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Pituitary gland

Testis

Myocardium Nos

Pheochromocytoma

Inflammation, Chronic Focal

Inflammation, Chronic Focal

Nephropathy

Chromophobe Adenoma

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_213

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Pituitary gland

Testis

Myocardium Nos

Pheochromocytoma

Inflammation, Chronic Focal

Inflammation, Chronic Focal

Nephropathy

Chromophobe Adenoma

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_214

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain		Astrocytoma
Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Inflammation, Chronic Focal
		Nephropathy
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_215

TRT#: 3

DOSE: 0

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Testis

Thyroid

Interstitial-Cell Tumor

C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_216

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Inflammation, Chronic Focal Nephropathy
Liver		Metamorphosis, Fatty
Lymph node	Mesenteric Lymph Node	Congestion, Nos
Pituitary gland		Acidophil Adenoma
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_217

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Inflammation, Chronic Focal
		Nephropathy
Mammary gland		Fibroadenoma
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_218

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic Focal

Nephropathy

Pituitary gland

Chromophobe Adenoma

Testis

Interstitial-Cell Tumor

Thyroid

C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_219

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic Focal
Intestine Large	Mucosa, Colon	Polyp, Nos
Kidney		Inflammation, Chronic Focal
		Nephropathy
Pancreas	Acinus	Atrophy, Focal
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02937

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Calcium cyanamide

CAS Number: 156-62-7

Date Report Requested: 10/26/2014

Time Report Requested: 15:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_220

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Testis

Pheochromocytoma

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****

* PROTOCOL REQUIRED TISSUE