

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

C Number: C04524

Cage Range: All

Date Range: All

Reasons For Removal: All

Removal Date Range: All

Treatment Groups: All

Study Gender: Male

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_301

TRT#: 1
DOSE: 0

SEX: Male
DISP:

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Fibrosis, Focal Hepatocellular Carcinoma
	Bile Duct	Hyperplasia, Focal Hepatocellular Carcinoma, Metastatic
Lung		Hematopoiesis
Spleen		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_302

TRT#: 1

DOSE: 0

SEX: Male

DISP:

DAY ON TEST:

HISTO:

OBSERVATIONS

Liver		Hepatocellular Carcinoma
Spleen		Hematopoiesis
Unspecified	Thorax Nos	Hemothorax
	Multiple Organs Nos	Hepatocellular Carcinoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_303

TRT#: 1

DOSE: 0

SEX: Male

DISP:

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney	Inflammation, Chronic Focal
Liver	Fibrosis, Focal Hepatocellular Carcinoma Necrosis, Focal
Lung	Hepatocellular Carcinoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_304

TRT#: 1

DOSE: 0

SEX: Male

DISP:

DAY ON TEST:

HISTO:

OBSERVATIONS

Ear

Kidney

Liver

Lung

Spleen

Bile Duct

Squamous Cell Carcinoma

Inflammation, Chronic Focal

Fibrosis, Focal

Hepatocellular Carcinoma

Hyperplasia, Focal

Hepatocellular Carcinoma, Metastatic

Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_305

TRT#: 1

DOSE: 0

SEX: Male

DISP:

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic Focal
Liver		Fibrosis, Focal
		Hepatocellular Carcinoma
	Bile Duct	Hyperplasia, Nos
Lung		Hepatocellular Carcinoma, Metastatic
Spleen		Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_306

TRT#: 1

DOSE: 0

SEX: Male

DISP:

DAY ON TEST:

HISTO:

OBSERVATIONS

Liver

Lung

Hepatocellular Carcinoma

Hepatocellular Carcinoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_307

TRT#: 1
DOSE: 0

SEX: Male
DISP:

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic Focal
Liver		Fibrosis, Cholangio
	Bile Duct	Hepatocellular Carcinoma
		Hyperplasia, Nos
		Necrosis, Focal
Lung	Alveoli	Hemorrhage
		Hepatocellular Carcinoma, Metastatic
Spleen		Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_308

TRT#: 1

DOSE: 0

SEX: Male

DISP:

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart	Hepatocellular Carcinoma, Metastatic
Kidney	Inflammation, Chronic Focal
Liver	Fibrosis, Focal
	Hepatocellular Carcinoma
Lung	Hepatocellular Carcinoma, Metastatic
Spleen	Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_309

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP:

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic Focal
Liver		Fibrosis, Focal
		Hepatocellular Carcinoma
	Bile Duct	Hyperplasia, Focal
Lung		Hepatocellular Carcinoma, Metastatic
Spleen		Hematopoiesis
Thyroid		Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_310

TRT#: 1

DOSE: 0

SEX: Male

DISP:

DAY ON TEST:

HISTO:

OBSERVATIONS

Liver	Hepatocellular Carcinoma
Lung	Hepatocellular Carcinoma, Metastatic
Spleen	Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_311

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP:

HISTO:

OBSERVATIONS

Intestine Small
Liver

Mesentery Nos

Hepatocellular Carcinoma, Metastatic
Fibrosis, Focal
Hepatocellular Carcinoma

Lung
Peritoneum
Unspecified

Thorax Nos

Hepatocellular Carcinoma, Metastatic
Hepatocellular Carcinoma, Metastatic
Hemothorax

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_312

TRT#: 1
DOSE: 0

SEX: Male
DISP:

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Fibrosis, Focal Hepatocellular Carcinoma
	Bile Duct	Hyperplasia, Nos Hepatocellular Carcinoma, Metastatic
Lung		Hematopoiesis
Spleen		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_313

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP:

HISTO:

OBSERVATIONS

Intestine Small

Mesentery Nos

Hepatocellular Carcinoma, Metastatic

Liver

Hepatocellular Carcinoma

Lung

Hepatocellular Carcinoma, Metastatic

Peritoneum

Hepatocellular Carcinoma, Metastatic

Testis

Interstitial-Cell Tumor

Zymbal gland

Squamous Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_314

TRT#: 1
DOSE: 0

SEX: Male
DISP:

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver

Fibrosis, Focal
Hematopoiesis
Hepatocellular Carcinoma
Hyperplasia, Nos
Hepatocellular Carcinoma, Metastatic

Bile Duct

Lung

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_315

TRT#: 1
DOSE: 0

SEX: Male
DISP:

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Hepatocellular Carcinoma
Peritoneum		Hemoperitoneum
Spleen		Hematopoiesis
Stomach	Pylorus	Ulcer, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_316

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP:

HISTO:

OBSERVATIONS

Liver

Fibrosis

Hepatocellular Carcinoma

Bile Duct

Hyperplasia, Nos

Necrosis, Nos

Lung

Hepatocellular Carcinoma, Metastatic

Unspecified

Thorax Nos

Hemothorax

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_317

TRT#: 1
DOSE: 0

SEX: Male
DISP:

DAY ON TEST:
HISTO:

OBSERVATIONS

Ear	Canal	Squamous Cell Carcinoma
Liver		Hematopoiesis
		Hepatocellular Carcinoma
		Necrosis, Focal
Lung		Hepatocellular Carcinoma, Metastatic
Spleen		Hematopoiesis

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_318

TRT#: 1
DOSE: 0

SEX: Male
DISP:

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Fibrosis, Focal Hepatocellular Carcinoma
	Bile Duct	Hyperplasia, Focal Necrosis, Focal
Lung		Hepatocellular Carcinoma, Metastatic
Peritoneum		Hemoperitoneum

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_319

TRT#: 1
DOSE: 0

SEX: Male
DISP:

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic Focal
Liver		Hepatocellular Carcinoma
	Bile Duct	Hyperplasia, Focal
		Necrosis, Focal
Lung		Hepatocellular Carcinoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_320

TRT#: 1
DOSE: 0

SEX: Male
DISP:

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver

Fibrosis
Hepatocellular Carcinoma

Bile Duct

Hyperplasia, Nos

Lung

Necrosis, Nos

Peritoneum

Hepatocellular Carcinoma, Metastatic

Hemoperitoneum

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_321

TRT#: 1
DOSE: 0

SEX: Male
DISP:

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Fibrosis, Focal Hepatocellular Carcinoma
	Bile Duct	Hyperplasia, Nos Necrosis, Focal
Lung		Hepatocellular Carcinoma, Metastatic
Spleen		Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_322

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP:

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic Focal
Liver		Fibrosis, Focal
		Hematopoiesis
		Hepatocellular Carcinoma
	Bile Duct	Hyperplasia, Focal
		Necrosis, Focal
Lung		Hepatocellular Carcinoma, Metastatic
Spleen		Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_323

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 0

DISP:

HISTO:

OBSERVATIONS

Ear		Squamous Cell Carcinoma
Liver		Fibrosis, Focal
	Bile Duct	Hepatocellular Carcinoma
		Hyperplasia, Focal
		Necrosis, Focal
Lung	Alveoli	Hemorrhage
		Hepatocellular Carcinoma, Metastatic
Mammary gland		Hyperplasia, Nos
		Lactation
Spleen		Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_324

TRT#: 1

DOSE: 0

SEX: Male

DISP:

DAY ON TEST:

HISTO:

OBSERVATIONS

Liver	Hematopoiesis
	Hepatocellular Carcinoma
	Necrosis, Focal
Peritoneum	Hemoperitoneum
Spleen	Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_325

TRT#: 1
DOSE: 0

SEX: Male
DISP:

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Hematopoiesis
		Hepatocellular Carcinoma
	Bile Duct	Hyperplasia, Nos
		Necrosis, Nos
Lung		Hepatocellular Carcinoma, Metastatic
Spleen		Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_001

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Eye		Cataract
Heart	Myocardium Nos	Fibrosis, Focal
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal
Lung	Bronchus	Hyperplasia, Lymphoid
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_002

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Eye

Heart

Kidney

Lung

Spleen

Testis

Myocardium Nos

Bronchus

Pheochromocytoma

Cataract

Fibrosis, Focal

Inflammation, Chronic Focal

Hyperplasia, Lymphoid

Hematopoiesis

Hemosiderosis

Atrophy, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_003

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Blood vessel	Pulmonary Artery Nos	Calcification, Medial
Eye		Cataract
Intestine Large	Colon	Nematodiasis
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal
Lung	Bronchus	Hyperplasia, Lymphoid
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
		Hyperplasia, C Cell
	Follicle	Pigmentation, Nos
Trachea		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_004

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Blood vessel	Pulmonary Artery Nos	Calcification, Medial
Eye		Cataract
Heart	Myocardium Nos	Fibrosis, Focal
Intestine Large	Colon	Nematodiasis
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Focal
Lung	Bronchus	Hyperplasia, Lymphoid
Mammary gland		Fibroadenoma
Pancreas	Duct Nos	Hyperplasia, Focal
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Trachea		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_005

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Angiectasis
Blood vessel	Pulmonary Artery Nos	Calcification, Medial
Bone marrow		Hyperplasia, Hematopoietic
Heart	Myocardium Nos	Fibrosis, Focal
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal
Lung		Abscess, Nos
	Bronchus	Bronchiectasis
	Bronchus	Hyperplasia, Lymphoid
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Trachea		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_006

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Blood vessel	Pulmonary Artery Nos	Calcification, Medial
Eye		Cataract
Heart	Myocardium Nos	Fibrosis, Focal
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Focal
Lung	Bronchus	Hyperplasia, Focal
Pancreas	Duct Nos	Hyperplasia, Focal
Prostate		Inflammation, Suppurative
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Calcification, Nos
		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_007

TRT#: 2
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Lung	Alveoli	Congestion, Nos
	Alveoli	Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Spleen		Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_008

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Blood vessel
Kidney
Liver

Pulmonary Artery Nos

Calcification, Medial
Inflammation, Chronic Focal
Focal Cellular Change
Metamorphosis, Fatty
Hematopoiesis
Hemosiderosis
Atrophy, Nos
Interstitial-Cell Tumor
Hyperplasia, C Cell
Inflammation, Chronic

Spleen

Testis

Thyroid
Trachea

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_009

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Blood vessel	Pulmonary Artery Nos	Calcification, Medial
Eye		Cataract
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Focal
Lung		Hyperplasia, Adenomatous
	Bronchus	Hyperplasia, Lymphoid
Prostate		Inflammation, Suppurative
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Trachea		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_010

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Mammary gland

Pituitary gland

Testis

Trachea

Myocardium Nos

Bronchus

Angiectasis

Fibrosis, Focal

Inflammation, Chronic Focal

Focal Cellular Change

Alveolar/Bronchiolar Adenoma

Hyperplasia, Lymphoid

Fibroadenoma

Chromophobe Adenoma

Atrophy, Nos

Interstitial-Cell Tumor

Inflammation, Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_011

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis, Focal
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal Inflammation, Focal Metamorphosis, Fatty
Lung	Bronchus	Hyperplasia, Lymphoid
Pituitary gland		Chromophobe Adenoma
Spleen		Hematopoiesis Hemosiderosis
Testis		Atrophy, Nos Calcification, Focal Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Trachea		Inflammation, Chronic Focal
Unspecified		Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_012

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Angiectasis
Eye		Cataract
Heart	Myocardium Nos	Fibrosis, Focal
Intestine Large	Colon	Nematodiasis
Kidney		Inflammation, Chronic Focal
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Focal
Lung	Bronchus	Hyperplasia, Lymphoid
Pituitary gland		Chromophobe Adenoma
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
Trachea		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_013

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Blood vessel	Pulmonary Artery Nos	Calcification, Medial
Bone marrow		Hyperplasia, Hematopoietic
Kidney		Inflammation, Chronic
Lung	Bronchus	Hyperplasia, Lymphoid
Testis		Atrophy, Nos
	Tubule	Calcification, Focal
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Lymphoma, Undifferentiated-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_014

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Pheochromocytoma
Heart	Myocardium Nos	Inflammation, Focal
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal
Lung	Bronchus	Hyperplasia, Lymphoid
Pancreas	Duct Nos	Hyperplasia, Focal
Pituitary gland		Angiectasis
		Chromophobe Adenoma
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Lymphoma, Undifferentiated-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_015

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Pheochromocytoma
Heart	Myocardium Nos	Fibrosis, Focal
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal
		Metamorphosis, Fatty
Lung		Alveolar Macrophages
	Bronchus	Hyperplasia, Lymphoid
Pancreas	Duct Nos	Hyperplasia, Focal
Pituitary gland		Chromophobe Adenoma
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_016

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow
Eye

Kidney

Liver

Lung

Pancreas

Testis

Thyroid

Unspecified

Pelvis

Bile Duct

Bronchus

Islets

Multiple Organs Nos

Multiple Organs Nos

Hyperplasia, Hematopoietic

Cataract

Hemorrhage

Calcification, Focal

Inflammation, Chronic

Hyperplasia, Nos

Hyperplasia, Lymphoid

Islet-Cell Adenoma

Atrophy, Nos

Interstitial-Cell Tumor

Hyperplasia, C Cell

Jaundice, Nos

Lymphoma, Undifferentiated-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_017

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Blood vessel	Pulmonary Artery Nos	Calcification, Medial
Heart	Myocardium Nos	Fibrosis, Focal
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal
Lung	Bronchus	Hyperplasia, Lymphoid
Pancreas	Islets	Islet-Cell Adenoma
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Cystic Follicles
		Follicular-Cell Carcinoma
		Hyperplasia, Follicular Cell
	Follicle	Pigmentation, Nos
Trachea		Inflammation, Chronic Focal
Unspecified		Inflammation, Chronic Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_018

TRT#: 2
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver	Centrilobular	Hematopoiesis
Lung	Alveoli	Necrosis, Focal
Lymph node	Mediastinal Lymph Node	Hemorrhage
	Mediastinal Lymph Node	Congestion, Nos
Spleen		Hemorrhage
Testis		Hematopoiesis
		Aspermatogenesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_019

TRT#: 2
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Angiectasis
Blood vessel	Pulmonary Artery Nos	Calcification, Medial
Heart	Myocardium Nos	Inflammation, Interstitial
Kidney	Pelvis	Calcification, Focal
		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal
Lung	Bronchus	Hyperplasia, Lymphoid
Pancreas	Acinus	Atrophy, Nos
	Islets	Islet-Cell Adenoma
Pituitary gland		Angiectasis
		Chromophobe Adenoma
Spleen		Hematopoiesis
		Hemosiderosis
Stomach	Cardiac Stomach	Edema, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
	Follicle	Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_020

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Angiectasis
	Medulla	Hyperplasia, Focal
Intestine Large	Colon	Nematodiasis
Intestine Small	Peyers Patch	Hyperplasia, Lymphoid
	Mesentery Nos	Necrosis, Fat
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
		Alveolar/Bronchiolar Carcinoma
	Bronchus	Hyperplasia, Lymphoid
Pancreas	Duct Nos	Hyperplasia, Focal
Spleen		Hematopoiesis
		Hemosiderosis
		Lymphoma, Undifferentiated-Malignant Type
Testis		Atrophy, Nos
	Tubule	Calcification, Focal
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_021

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Blood vessel	Pulmonary Artery Nos	Calcification, Medial
Heart	Myocardium Nos	Fibrosis, Focal
Kidney		Inflammation, Chronic Focal
	Pelvis	Transitional-Cell Carcinoma
Liver	Bile Duct	Hyperplasia, Focal
Lung	Bronchus	Hyperplasia, Lymphoid
Pancreas	Duct Nos	Hyperplasia, Focal
Spleen		Hematopoiesis
		Hemosiderosis
Stomach	Cardiac Stomach	Ulcer, Focal
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Trachea		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_022

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Blood vessel	Pulmonary Artery Nos	Calcification, Medial
Heart	Myocardium Nos	Fibrosis, Focal
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal
Lung	Bronchus	Hyperplasia, Lymphoid
Pancreas		Periarteritis
Parathyroid gland		Hyperplasia, Nos
Pituitary gland		Angiectasis
		Chromophobe Adenoma
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
	Follicle	Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_023

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Pheochromocytoma
Eye		Calcification, Nos Cataract
Heart	Myocardium Nos	Fibrosis, Focal
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal
Lung	Bronchus	Hyperplasia, Lymphoid
Pituitary gland		Chromophobe Adenoma
Preputial gland		Adenoma, Nos Inflammation, Suppurative
Testis		Ulcer, Nos Atrophy, Nos Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Trachea	Follicle	Pigmentation, Nos
Unspecified	Multiple Organs Nos	Inflammation, Chronic Focal Lymphoma, Undifferentiated-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_024

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Angiectasis
		Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Calcification, Medial
Eye		Cataract
Heart	Myocardium Nos	Fibrosis, Focal
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal
Lung	Bronchus	Hyperplasia, Lymphoid
Pituitary gland		Chromophobe Adenoma
Prostate		Inflammation, Suppurative
Skin		Squamous Cell Carcinoma
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Cystic Follicles
		Hyperplasia, Follicular Cell
Trachea		Inflammation, Chronic Focal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_025

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Pelvis

Hyperplasia, Epithelial

Inflammation, Chronic

Pelvis

Inflammation, Suppurative

Pelvis

Necrosis, Nos

Stomach

Mucosa

Calcification, Nos

Urinary bladder

Hyperplasia, Epithelial

Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_026

TRT#: 2
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Bone marrow		Hyperplasia, Hematopoietic
Eye		Pus
	Cornea	Ulcer, Nos
Intestine Small	Peyers Patch	Hyperplasia, Lymphoid
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal
Lung	Bronchus	Hyperplasia, Lymphoid
		Squamous Cell Carcinoma, Metastatic
Pancreas	Duct Nos	Fibrosis
	Duct Nos	Hyperplasia, Nos
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Zymbal gland		Squamous Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: N,N'-Dicyclohexylthiourea
CAS Number: 1212-29-9

Date Report Requested: 10/26/2014
Time Report Requested: 17:37:43
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_027

TRT#: 2
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Hematopoietic
Heart	Myocardium Nos	Fibrosis, Focal
Kidney		Inflammation, Chronic
	Convolutated Tubules	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Focal
Lung		Alveolar Macrophages
	Bronchus	Hyperplasia, Lymphoid
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Trachea		Inflammation, Chronic
Unspecified	Multiple Organs Nos	Mesothelioma, Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_028

TRT#: 2
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Pelvis	Calcification, Focal Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal
Lung	Bronchus	Hyperplasia, Lymphoid
Pituitary gland		Angiectasis Chromophobe Adenoma
Prostate		Inflammation, Suppurative
Spleen		Hematopoiesis Hemosiderosis
Thyroid		Hyperplasia, C Cell
Trachea		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_029

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Angiectasis
Blood vessel	Pulmonary Artery Nos	Calcification, Medial
Kidney		Inflammation, Focal
Liver	Bile Duct	Hyperplasia, Focal
Lung	Bronchus	Hyperplasia, Lymphoid
Pancreas	Duct Nos	Hyperplasia, Focal
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified		Lipoma

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_030

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Heart	Myocardium Nos	Inflammation, Interstitial
Intestine Large	Colon	Nematodiasis
Intestine Small	Peyers Patch	Hyperplasia, Lymphoid
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal
Lung		Calcification, Focal
Pancreas	Bronchus	Hyperplasia, Lymphoid
Spleen	Duct Nos	Hyperplasia, Focal
		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Focal
	Tubule	Calcification, Focal
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
		Hyperplasia, Follicular Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: N,N'-Dicyclohexylthiourea
CAS Number: 1212-29-9

Date Report Requested: 10/26/2014
Time Report Requested: 17:37:43
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_031

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Eye		Cataract
Heart	Myocardium Nos	Fibrosis, Focal
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal
Lung	Bronchus	Hyperplasia, Focal
Pancreas	Duct Nos	Hyperplasia, Focal
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Trachea		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_032

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Hematopoietic
Eye		Calcification, Nos Cataract
Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal
Lung	Bronchus	Hyperplasia, Lymphoid
Parathyroid gland		Adenoma, Nos
Pituitary gland		Angiectasis Chromophobe Adenoma
Prostate		Inflammation, Suppurative
Testis		Atrophy, Nos Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Trachea		Inflammation, Chronic Focal Inflammation, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Undifferentiated-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: N,N'-Dicyclohexylthiourea
CAS Number: 1212-29-9

Date Report Requested: 10/26/2014
Time Report Requested: 17:37:43
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_033

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Hemorrhage
Bone marrow		Hyperplasia, Hematopoietic
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal
Lung	Bronchus	Hyperplasia, Lymphoid
Preputial gland		Adenoma, Nos
		Inflammation, Suppurative
		Necrosis, Focal
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Lymphoma, Undifferentiated-Malignant Type

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_034

TRT#: 2
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow

Liver

Testis

Unspecified

Bile Duct

Multiple Organs Nos

Hyperplasia, Hematopoietic

Hyperplasia, Focal

Atrophy, Nos

Interstitial-Cell Tumor

Lymphoma, Undifferentiated-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_035

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Blood vessel	Pulmonary Artery Nos	Calcification, Medial
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Focal
		Metamorphosis, Fatty
Lung	Bronchus	Hyperplasia, Lymphoid
Pancreas	Duct Nos	Hyperplasia, Focal
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
	Follicle	Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_036

TRT#: 2
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Hematopoietic
Brain		Hemorrhage
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Nos
Spleen		Hematopoiesis
Stomach	Cardiac Stomach	Inflammation, Focal
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid	Follicle	Pigmentation, Nos
Trachea		Inflammation, Chronic
Unspecified	Multiple Organs Nos	Lymphoma, Undifferentiated-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_037

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Blood vessel	Pulmonary Artery Nos	Calcification, Medial
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Focal
Lung	Bronchus	Hyperplasia, Lymphoid
Pituitary gland		Chromophobe Adenoma
Preputial gland		Adenoma, Nos
		Necrosis, Nos
Spleen		Hematopoiesis
		Hemosiderosis
Stomach	Mucosa	Erosion
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_038

TRT#: 2
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow
Kidney

Liver
Lung

Preputial gland
Spleen
Testis

Bile Duct
Bronchiole

Hyperplasia, Erythroid
Hemosiderosis
Inflammation, Interstitial
Hyperplasia, Focal
Hyperplasia, Lymphoid
Inflammation, Suppurative
Adenoma, Nos
Hematopoiesis
Atrophy, Nos
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_039

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Spleen

Testis

Tubule

Hemosiderosis

Atrophy, Nos

Calcification, Focal

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_040

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Hematopoietic
Eye		Cataract
Intestine Large	Colon	Nematodiasis
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal
Lung	Bronchus	Hyperplasia, Lymphoid
Pancreas	Duct Nos	Hyperplasia, Focal
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Lymphoma, Undifferentiated-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_041

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large
Intestine Small
Kidney
Liver

Lung
Pituitary gland
Preputial gland

Colon
Mesentery Nos

Bile Duct
Bronchus

Spleen

Testis

Tubule

Thyroid

Angiectasis
Nematodiasis
Periarteritis
Inflammation, Chronic
Focal Cellular Change
Hyperplasia, Focal
Hyperplasia, Lymphoid
Chromophobe Adenoma
Adenoma, Nos
Inflammation, Acute
Necrosis, Focal
Hematopoiesis
Hemosiderosis
Atrophy, Nos
Calcification, Focal
Interstitial-Cell Tumor
Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_042

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Blood vessel	Pulmonary Artery Nos	Calcification, Medial
Bone marrow		Hyperplasia, Hematopoietic
Eye		Cataract
Heart	Myocardium Nos	Fibrosis, Focal
	Myocardium Nos	Inflammation, Focal
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Lymphoma, Undifferentiated-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_043

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Angiectasis
Heart	Myocardium Nos	Fibrosis, Focal
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Focal
		Metamorphosis, Fatty
Lung	Bronchus	Hyperplasia, Lymphoid
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Trachea		Inflammation, Chronic
Unspecified	Multiple Organs Nos	Lymphoma, Undifferentiated-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_044

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
Blood vessel	Pulmonary Artery Nos	Calcification, Medial
Eye		Cataract
Heart	Myocardium Nos	Fibrosis, Focal
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Focal
Lung	Bronchus	Hyperplasia, Lymphoid
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Trachea		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_045

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Blood vessel	Pulmonary Artery Nos	Calcification, Medial
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Focal
Lung	Bronchus	Hyperplasia, Lymphoid
Spleen		Fibrosis, Focal
		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
		Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_046

TRT#: 2
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis, Focal
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal
Pancreas	Duct Nos	Hyperplasia, Focal
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Lymphoma, Undifferentiated-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_047

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Angiectasis
Blood vessel	Pulmonary Artery Nos	Calcification, Medial
Eye		Cataract
Intestine Large	Colon	Nematodiasis
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Focal
Lung	Bronchus	Hyperplasia, Lymphoid
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Trachea		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_048

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Hematopoietic
Heart	Myocardium Nos	Fibrosis, Focal
Kidney		Inflammation, Chronic Focal
	Convolutated Tubules	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Focal
		Metamorphosis, Fatty
Lung	Bronchus	Hyperplasia, Lymphoid
Testis		Atrophy, Focal
	Tubule	Calcification, Focal
		Interstitial-Cell Tumor
Thyroid	Follicle	Pigmentation, Nos
Trachea		Inflammation, Chronic Focal
Unspecified	Multiple Organs Nos	Jaundice, Nos
	Multiple Organs Nos	Lymphoma, Undifferentiated-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_049

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Blood vessel	Pulmonary Artery Nos	Calcification, Medial
Heart	Myocardium Nos	Fibrosis, Focal
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal
Lung	Bronchus	Hyperplasia, Lymphoid
Pancreas	Duct Nos	Hyperplasia, Focal
		Periarteritis
Skin	Neck	Squamous Cell Carcinoma
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
	Follicle	Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_050

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Angiectasis
Blood vessel	Pulmonary Artery Nos	Calcification, Medial
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Focal Cellular Change
		Hyperplasia, Focal
Lung	Bronchus	Metamorphosis, Fatty
Spleen		Hyperplasia, Lymphoid
Testis		Lymphoma, Undifferentiated-Malignant Type
		Atrophy, Nos
Thyroid		Interstitial-Cell Tumor
Trachea		Hyperplasia, C Cell
		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_101

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye		Cataract
Heart	Myocardium Nos	Fibrosis, Focal
Kidney		Inflammation, Chronic Focal
Lung		Alveolar/Bronchiolar Carcinoma
	Bronchus	Hyperplasia, Lymphoid
Pancreas	Islets	Islet-Cell Adenoma
Prostate		Inflammation, Chronic Focal
Skin		Keratoacanthoma
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_102

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Bone marrow

Kidney

Liver

Lung

Pituitary gland

Bile Duct

Bronchus

Pheochromocytoma

Hyperplasia, Erythroid

Inflammation, Chronic Focal

Hyperplasia, Focal

Hyperplasia, Lymphoid

Angiectasis

Chromophobe Adenoma

Keratoacanthoma

Erythropoiesis

Granulopoiesis

Atrophy, Nos

Interstitial-Cell Tumor

Hyperplasia, C Cell

Hyperplasia, Follicular Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_103

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal
Lung	Bronchus	Hyperplasia, Lymphoid
Pancreas	Duct Nos	Hyperplasia, Focal
Spleen		Fibrosis, Focal
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Cystic Follicles
		Hyperplasia, C Cell
		Hyperplasia, Follicular Cell
Trachea		Inflammation, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Undifferentiated-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_104

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Erythroid
Ear	Canal	Sebaceous Adenocarcinoma
Eye		Cataract
Liver	Bile Duct	Hyperplasia, Focal
Lung	Bronchus	Hyperplasia, Lymphoid
Pancreas	Duct Nos	Hyperplasia, Focal
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_105

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Bone marrow

Kidney

Liver

Lung

Pituitary gland

Spleen

Thyroid

Trachea

Unspecified

Cortex

Bile Duct

Multiple Organs Nos

Hyperplasia, Hematopoietic

Pigmentation, Nos

Hyperplasia, Focal

Hyperplasia, Lymphoid

Mesothelioma, Metastatic

Angiectasis

Chromophobe Adenoma

Hematopoiesis

Cystic Follicles

Hyperplasia, C Cell

Hyperplasia, Follicular Cell

Inflammation, Nos

Mesothelioma, Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_106

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal Necrosis, Focal
Lung	Bronchus	Hyperplasia, Lymphoid
Pituitary gland		Angiectasis Chromophobe Adenoma
Spleen		Hematopoiesis Hemosiderosis
Testis		Atrophy, Nos Interstitial-Cell Tumor
Thyroid		Cystic Follicles
Unspecified	Diaphragm Nos	Hernia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_107

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Bone marrow

Heart

Kidney

Liver

Lung

Spleen

Testis

Thyroid

Trachea

Myocardium Nos

Myocardium Nos

Bile Duct

Bronchus

Hyperplasia, Erythroid

Fibrosis, Focal

Inflammation, Interstitial

Inflammation, Chronic Focal

Hyperplasia, Focal

Hyperplasia, Lymphoid

Hematopoiesis

Hemosiderosis

Atrophy, Nos

Interstitial-Cell Tumor

Hyperplasia, C Cell

Hyperplasia, Follicular Cell

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_108

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Ear

Liver

Lung

Trachea

Hepatic Sinusoid

Pleura Nos

Inflammation, Nos

Congestion, Nos

Inflammation, Chronic Focal

Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_109

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal
Lung	Bronchus	Hyperplasia, Lymphoid
Spleen		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Lymphoma, Undifferentiated-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_110

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal
Lung	Bronchus	Hyperplasia, Lymphoid
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
		Cystic Follicles

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_111

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Hematopoietic
Kidney	Cortex	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Focal
Lung		Alveolar/Bronchiolar Carcinoma
	Bronchus	Hyperplasia, Lymphoid
Pancreas	Duct Nos	Hyperplasia, Focal
Spleen		Erythropoiesis
		Granulopoiesis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
Unspecified	Multiple Organs Nos	Mesothelioma, Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_112

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver		Congestion, Nos
Lung		Atelectasis
	Bronchus	Bronchiectasis
	Bronchus	Metaplasia, Squamous
		Pneumonia, Chronic Murine
Spleen		Hemosiderosis
Testis		Hyperplasia, Interstitial Cell

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_113

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow

Pancreas

Testis

Thyroid

Trachea

Unspecified

Duct Nos

Multiple Organs Nos

Hyperplasia, Hematopoietic

Hyperplasia, Focal

Atrophy, Nos

Interstitial-Cell Tumor

Hyperplasia, Follicular Cell

Inflammation, Nos

Lymphoma, Undifferentiated-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_114

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Angiectasis

Bone marrow

Hyperplasia, Focal

Kidney

Tubule

Hyperplasia, Hematopoietic

Lung

Cortex

Degeneration, Hyaline

Mammary gland

Bronchus

Pigmentation, Nos

Spleen

Hyperplasia, Focal

Testis

Fibroadenoma

Hemosiderosis

Thyroid

Atrophy, Nos

Unspecified

Multiple Organs Nos

Interstitial-Cell Tumor

Follicular-Cell Carcinoma

Mesothelioma, Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_115

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow

Hyperplasia, Hematopoietic

Eye

Cataract

Pancreas

Duct Nos

Hyperplasia, Focal

Stomach

Cardiac Stomach

Ulcer, Focal

Testis

Atrophy, Nos

Unspecified

Multiple Organs Nos

Interstitial-Cell Tumor

Lymphoma, Undifferentiated-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_116

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye		Cataract
Intestine Large	Colon	Nematodiasis
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal
Lung	Bronchus	Hyperplasia, Lymphoid
Pancreas	Duct Nos	Hyperplasia, Focal
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
		Hyperplasia, C Cell
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_117

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Spleen

Testis

Thyroid

Trachea

Myocardium Nos

Bile Duct

Bronchus

Angiectasis

Fibrosis, Focal

Inflammation, Chronic Focal

Tubular-Cell Adenoma

Hyperplasia, Focal

Hyperplasia, Lymphoid

Hematopoiesis

Hemosiderosis

Atrophy, Nos

Interstitial-Cell Tumor

C-Cell Adenoma

Cystic Follicles

Follicular-Cell Carcinoma

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_118

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Cortex

Pigmentation, Nos

Lung

Bronchus

Hyperplasia, Lymphoid

Spleen

Hematopoiesis

Hemosiderosis

Testis

Atrophy, Nos

Interstitial-Cell Tumor

Thyroid

Hyperplasia, Follicular Cell

Trachea

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_119

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye		Cataract
Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal
Lung	Bronchus	Hyperplasia, Lymphoid
Pancreas	Islets	Islet-Cell Adenoma
Pituitary gland		Hemosiderosis
Prostate		Inflammation, Suppurative
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
		Hyperplasia, Follicular Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_120

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Epididymis

Eye

Kidney

Liver

Lung

Spleen

Testis

Thyroid

Trachea

Bile Duct

Bronchus

Angiectasis

Fibrosis

Cataract

Inflammation, Chronic Focal

Hyperplasia, Focal

Hyperplasia, Lymphoid

Hematopoiesis

Hemosiderosis

Atrophy, Nos

Interstitial-Cell Tumor

Cystic Follicles

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_121

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic Focal
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Focal
Lung	Bronchus	Hyperplasia, Lymphoid
Pituitary gland		Angiectasis
		Chromophobe Adenoma
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, Follicular Cell
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_122

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Spleen

Testis

Thyroid

Trachea

Myocardium Nos

Bile Duct

Bronchus

Angiectasis

Fibrosis, Focal

Inflammation, Chronic Focal

Hyperplasia, Focal

Hyperplasia, Lymphoid

Hematopoiesis

Hemosiderosis

Atrophy, Nos

Interstitial-Cell Tumor

Cystic Follicles

Hyperplasia, C Cell

Hyperplasia, Follicular Cell

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_123

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal Neoplastic Nodule
Lung	Bronchus	Hyperplasia, Lymphoid
Pituitary gland		Chromophobe Adenoma
Spleen		Hemosiderosis
Testis		Atrophy, Nos Interstitial-Cell Tumor
Thyroid		Cystic Follicles Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_124

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye		Cataract
Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal
Lung	Bronchus	Hyperplasia, Lymphoid
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_125

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Liver

Lung

Spleen

Testis

Thyroid

Bile Duct

Bronchus

Follicle

Angiectasis

Hyperplasia, Focal

Alveolar/Bronchiolar Carcinoma

Hyperplasia, Lymphoid

Hematopoiesis

Hemosiderosis

Atrophy, Nos

Interstitial-Cell Tumor

Follicular-Cell Carcinoma

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_126

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney	Cortex	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Focal
Lung	Bronchus	Hyperplasia, Lymphoid
Pancreas	Duct Nos	Hyperplasia, Focal
Spleen		Hematopoiesis
		Hemosiderosis
		Lymphoma, Undifferentiated-Malignant Type
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
		Hyperplasia, Follicular Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_127

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Bone marrow

Liver

Testis

Thyroid

Unspecified

Multiple Organs Nos

Hyperplasia, Hematopoietic

Metamorphosis, Fatty

Atrophy, Nos

Interstitial-Cell Tumor

Hyperplasia, C Cell

Lymphoma, Lymphocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_128

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Bone marrow

Hyperplasia, Hematopoietic

Eye

Cataract

Liver

Bile Duct

Hyperplasia, Focal

Testis

Atrophy, Nos

Thyroid

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Hyperplasia, C Cell

Lymphoma, Undifferentiated-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_129

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic Focal
	Cortex	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Focal
		Neoplastic Nodule
Lung		Alveolar/Bronchiolar Carcinoma
	Bronchus	Hyperplasia, Lymphoid
Pituitary gland		Angiectasis
		Chromophobe Adenoma
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Cystic Follicles

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_130

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal
Lung	Bronchus	Hyperplasia, Lymphoid
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_131

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Spleen

Testis

Thyroid

Trachea

Myocardium Nos

Bile Duct

Bronchus

Angiectasis

Inflammation, Interstitial

Inflammation, Chronic Focal

Hyperplasia, Focal

Hyperplasia, Lymphoid

Hematopoiesis

Hemosiderosis

Atrophy, Nos

Interstitial-Cell Tumor

Follicular-Cell Carcinoma

Hyperplasia, Follicular Cell

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_132

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Hematopoietic
Brain	Cerebellum Nos	Hemorrhage
	Cerebellum Nos	Necrosis, Ischemic
Kidney	Tubule	Pigmentation, Nos
Lung	Bronchus	Hyperplasia, Lymphoid
Spinal cord		Hemorrhage
Spleen		Hematopoiesis
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type
Urinary bladder		Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_133

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver		Metamorphosis, Fatty
Lung	Bronchus	Hyperplasia, Lymphoid Pneumonia, Chronic Murine
Peritoneum		Mesothelioma, Nos
Spleen		Hematopoiesis
Testis		Interstitial-Cell Tumor
Trachea	Submucosa	Hyperplasia, Lymphoid Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_134

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Small

Ileum

Adenoma, Nos

Liver

Bile Duct

Hyperplasia, Focal

Testis

Interstitial-Cell Tumor

Trachea

Inflammation, Nos

Unspecified

Multiple Organs Nos

Lymphoma, Lymphocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_135

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Epididymis		Inflammation, Focal
Heart	Myocardium Nos	Fibrosis, Focal
Kidney		Inflammation, Chronic Focal
Lung	Bronchus	Hyperplasia, Lymphoid
Pituitary gland		Chromophobe Adenoma
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Follicular-Cell Carcinoma
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_136

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Hematopoietic
Eye		Cataract
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal Neoplastic Nodule
Lung	Bronchus	Hyperplasia, Lymphoid
Mammary gland		Fibroma
Pancreas	Duct Nos	Hyperplasia, Focal
Spleen		Hematopoiesis Hemosiderosis
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
Trachea		Inflammation, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Undifferentiated-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_137

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Liver

Lung

Spleen

Testis

Bile Duct

Bronchus

Angiectasis

Inflammation, Chronic Focal

Hyperplasia, Focal

Hyperplasia, Lymphoid

Hematopoiesis

Hemosiderosis

Atrophy, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_138

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Intestine Small

Liver

Lung

Spleen

Testis

Thyroid

Trachea

Mesentery Nos

Mesentery Nos

Bile Duct

Bronchus

Angiectasis

Fibrosis

Inflammation, Nos

Focal Cellular Change

Hyperplasia, Focal

Hyperplasia, Lymphoid

Hematopoiesis

Hemosiderosis

Atrophy, Nos

Interstitial-Cell Tumor

Hyperplasia, C Cell

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_139

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Interstitial
Intestine Large	Colon	Nematodiasis
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal
Lung	Bronchus	Hyperplasia, Lymphoid
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: N,N'-Dicyclohexylthiourea
CAS Number: 1212-29-9

Date Report Requested: 10/26/2014
Time Report Requested: 17:37:43
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_140

TRT#: 3
DOSE: 25000 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Pheochromocytoma
Eye		Cataract
Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Inflammation, Chronic Focal
Liver		Cytoplasmic Change, Basophilic
		Focal Cellular Change
	Bile Duct	Hyperplasia, Focal
Lung	Bronchus	Hyperplasia, Lymphoid
Skin		Squamous Cell Papilloma
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: N,N'-Dicyclohexylthiourea
CAS Number: 1212-29-9

Date Report Requested: 10/26/2014
Time Report Requested: 17:37:43
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_141

TRT#: 3
DOSE: 25000 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Pheochromocytoma
Heart	Myocardium Nos	Fibrosis, Focal
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal
Lung	Bronchus	Hyperplasia, Lymphoid
Pancreas	Duct Nos	Hyperplasia, Focal
	Islets	Islet-Cell Adenoma
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
		Hyperplasia, Follicular Cell
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_143

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Spleen

Testis

Thyroid

Trachea

Myocardium Nos

Bile Duct

Bronchus

Pheochromocytoma

Inflammation, Interstitial

Inflammation, Chronic Focal

Hyperplasia, Focal

Hyperplasia, Lymphoid

Hematopoiesis

Hemosiderosis

Atrophy, Nos

Interstitial-Cell Tumor

Hyperplasia, C Cell

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_144

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye		Cataract
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal
Lung		Alveolar Macrophages
	Bronchus	Hyperplasia, Lymphoid
Pancreas	Duct Nos	Hyperplasia, Focal
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
		Follicular-Cell Carcinoma
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_145

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Congestion, Nos

Medulla

Degeneration, Cytologic

Eye

Hemorrhage

Cornea

Cataract

Kidney

Ulcer, Nos

Lung

Inflammation, Chronic Focal

Pituitary gland

Bronchus

Hyperplasia, Lymphoid

Spleen

Angiectasis

Hemosiderosis

Testis

Hematopoiesis

Hemosiderosis

Thyroid

Atrophy, Nos

Cystic Follicles

Hyperplasia, C Cell

Hyperplasia, Follicular Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_146

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal Pheochromocytoma
Eye		Cataract
Heart	Myocardium Nos	Fibrosis, Focal
Kidney		Inflammation, Chronic
Lung	Bronchus	Hyperplasia, Lymphoid
Pancreas	Duct Nos	Hyperplasia, Focal
Pituitary gland		Angiectasis Chromophobe Adenoma
Prostate		Inflammation, Focal
Testis		Interstitial-Cell Tumor
Thyroid		Follicular-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: N,N'-Dicyclohexylthiourea
CAS Number: 1212-29-9

Date Report Requested: 10/26/2014
Time Report Requested: 17:37:43
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_147

TRT#: 3
DOSE: 25000 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Angiectasis
	Medulla	Hyperplasia, Focal
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal
Lung	Bronchus	Hyperplasia, Lymphoid
Skin		Squamous Cell Papilloma
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
		Hyperplasia, Follicular Cell
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_148

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow

Liver

Testis

Bile Duct

Trachea

Unspecified

Multiple Organs Nos

Hyperplasia, Hematopoietic

Hyperplasia, Focal

Atrophy, Nos

Interstitial-Cell Tumor

Inflammation, Nos

Lymphoma, Lymphocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_149

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow

Eye

Kidney

Liver

Lung

Testis

Thyroid

Unspecified

Bile Duct

Bronchus

Multiple Organs Nos

Hyperplasia, Hematopoietic

Cataract

Hemorrhage

Inflammation, Chronic Focal

Hyperplasia, Focal

Hyperplasia, Lymphoid

Atrophy, Nos

Interstitial-Cell Tumor

Hyperplasia, Follicular Cell

Lymphoma, Undifferentiated-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_150

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye		Cataract
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal
Pancreas	Duct Nos	Hyperplasia, Focal
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, Follicular Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_201

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Hematopoietic
Eye		Cataract
Intestine Small	Peyers Patch	Hyperplasia, Lymphoid
	Ileum	Mucinous Adenocarcinoma
Kidney		Inflammation, Chronic Focal
Lung	Bronchus	Hyperplasia, Lymphoid
Pancreas	Duct Nos	Hyperplasia, Focal
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
		Hyperplasia, C Cell
		Hyperplasia, Follicular Cell
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_202

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Intestine Small

Kidney

Liver

Lung

Pancreas

Spleen

Testis

Thyroid

Trachea

Unspecified

Myocardium Nos

Peyers Patch

Bile Duct

Bronchus

Duct Nos

Multiple Organs Nos

Angiectasis

Fibrosis, Focal

Hyperplasia, Lymphoid

Inflammation, Chronic Focal

Hyperplasia, Focal

Hyperplasia, Lymphoid

Hyperplasia, Focal

Hematopoiesis

Hemosiderosis

Atrophy, Nos

Interstitial-Cell Tumor

Hyperplasia, C Cell

Inflammation, Nos

Mesothelioma, Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: N,N'-Dicyclohexylthiourea
CAS Number: 1212-29-9

Date Report Requested: 10/26/2014
Time Report Requested: 17:37:43
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_203

TRT#: 4
DOSE: 50000 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Small	Mesentery Nos	Fibrosis, Focal
	Mesentery Nos	Inflammation, Focal
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal
		Neoplastic Nodule
Lung	Bronchus	Hyperplasia, Lymphoid
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Follicular-Cell Carcinoma
		Hyperplasia, C Cell
Trachea		Inflammation, Nos
Unspecified	Diaphragm Nos	Hernia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_204

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye		Cataract
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal
Lung		Alveolar/Bronchiolar Adenoma
	Bronchus	Hyperplasia, Lymphoid
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
		Hyperplasia, C Cell
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_205

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow

Hyperplasia, Hematopoietic

Eye

Cataract

Cornea

Inflammation, Nos

Pus

Heart

Myocardium Nos

Necrosis, Focal

Lung

Bronchus

Hyperplasia, Lymphoid

Testis

Atrophy, Nos

Interstitial-Cell Tumor

Trachea

Inflammation, Nos

Unspecified

Multiple Organs Nos

Lymphoma, Histiocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_206

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Bone marrow

Eye

Heart

Kidney

Liver

Lung

Skin

Spleen

Testis

Thyroid

Trachea

Myocardium Nos

Bile Duct

Angiectasis

Hyperplasia, Hematopoietic

Cataract

Fibrosis, Focal

Inflammation, Chronic Focal

Hyperplasia, Focal

Pneumonia, Chronic Murine

Basal-Cell Carcinoma

Hematopoiesis

Hemosiderosis

Lymphoma, Undifferentiated-Malignant Type

Atrophy, Nos

Interstitial-Cell Tumor

Hyperplasia, C Cell

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_207

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow

Kidney

Liver

Mammary gland

Testis

Thyroid

Unspecified

Cortex

Bile Duct

Multiple Organs Nos

Hyperplasia, Granulocytic

Pigmentation, Nos

Hyperplasia, Focal

Metamorphosis, Fatty

Fibroma

Atrophy, Nos

Interstitial-Cell Tumor

C-Cell Adenoma

Hyperplasia, C Cell

Lymphoma, Undifferentiated-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_208

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow

Heart

Kidney

Liver

Pancreas

Testis

Thyroid

Unspecified

Myocardium Nos

Bile Duct

Duct Nos

Multiple Organs Nos

Hyperplasia, Hematopoietic

Fibrosis, Focal

Inflammation, Chronic Focal

Hyperplasia, Focal

Hyperplasia, Focal

Atrophy, Nos

Interstitial-Cell Tumor

Hyperplasia, C Cell

Leukemia, Granulocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_209

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal
Pancreas	Duct Nos	Hyperplasia, Focal
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Trachea		Inflammation, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Undifferentiated-Malignant Type
Urinary bladder		Transitional-Cell Papilloma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_210

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Medulla

Liver

Lung

Pancreas

Prostate

Spleen

Testis

Thyroid

Trachea

Angiectasis

Calcification, Focal

Inflammation, Chronic Focal

Hyperplasia, Focal

Hyperplasia, Lymphoid

Hyperplasia, Focal

Cyst, Nos

Hematopoiesis

Hemosiderosis

Atrophy, Nos

Interstitial-Cell Tumor

Hyperplasia, C Cell

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_211

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Angiectasis
Bone marrow		Hyperplasia, Hematopoietic
Ear	Canal	Basal-Cell Carcinoma
Eye		Cataract
Kidney	Cortex	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Focal
Lung	Bronchus	Hyperplasia, Lymphoid
		Pneumonia, Chronic Murine
Pancreas	Islets	Islet-Cell Adenoma
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Follicular-Cell Carcinoma
		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_212

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Blood vessel	Pulmonary Artery Nos	Calcification, Medial
Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal
		Metamorphosis, Fatty
Lung	Bronchus	Hyperplasia, Lymphoid
Pituitary gland		Angiectasis
		Chromophobe Adenoma
Prostate		Inflammation, Focal
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
		Hyperplasia, C Cell
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: N,N'-Dicyclohexylthiourea
CAS Number: 1212-29-9

Date Report Requested: 10/26/2014
Time Report Requested: 17:37:43
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_213

TRT#: 4
DOSE: 50000 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Small
Kidney

Peyers Patch

Hyperplasia, Lymphoid
Calcification, Focal
Inflammation, Chronic Focal

Liver
Lung
Spleen

Bile Duct
Bronchus

Hyperplasia, Focal
Hyperplasia, Lymphoid
Hematopoiesis
Hemosiderosis

Testis

Atrophy, Nos
Interstitial-Cell Tumor

Thyroid

C-Cell Adenoma
Cyst, Ultimobranchial
Hyperplasia, C Cell

Trachea
Unspecified

Inflammation, Nos
Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_214

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Intestine Small

Kidney

Liver

Lung

Prostate

Testis

Thyroid

Myocardium Nos

Peyers Patch

Bile Duct

Bronchus

Angiectasis

Fibrosis, Focal

Hyperplasia, Lymphoid

Inflammation, Chronic Focal

Hyperplasia, Focal

Hyperplasia, Lymphoid

Pneumonia, Chronic Murine

Inflammation, Focal

Atrophy, Nos

Interstitial-Cell Tumor

C-Cell Adenoma

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_215

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis, Focal
Kidney	Pelvis	Calcification, Focal
Liver	Bile Duct	Hyperplasia, Focal
Lung	Bronchus	Hyperplasia, Lymphoid
Skin		Keratoacanthoma
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Interstitial-Cell Tumor
	Tunica Vaginalis	Mesothelioma, Nos
Thyroid		C-Cell Adenoma
		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_216

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Bone marrow

Heart

Liver

Lung

Pituitary gland

Prostate

Stomach

Testis

Thyroid

Unspecified

Myocardium Nos

Bile Duct

Centrilobular

Bronchus

Mucosa

Multiple Organs Nos

Pheochromocytoma

Hyperplasia, Hematopoietic

Fibrosis, Focal

Hyperplasia, Focal

Metamorphosis, Fatty

Hyperplasia, Lymphoid

Chromophobe Adenoma

Inflammation, Suppurative

Erosion

Atrophy, Nos

Interstitial-Cell Tumor

Hyperplasia, C Cell

Hyperplasia, Follicular Cell

Lymphoma, Undifferentiated-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_217

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Angiectasis
Heart	Myocardium Nos	Fibrosis, Focal
Kidney		Inflammation, Chronic Focal
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Focal
Lung	Bronchus	Bronchiectasis
	Bronchus	Hyperplasia, Lymphoid
Preputial gland		Hyperplasia, Nos
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
	Follicle	Pigmentation, Nos
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_218

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain		Meningioma, Benign
Liver	Bile Duct	Hyperplasia, Focal
Lung		Adenocarcinoma, Nos, Metastatic
Salivary gland		Adenocarcinoma, Nos
Spleen		Hematopoiesis
		Hemosiderosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:43

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_219

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
Bone marrow		Hyperplasia, Hematopoietic
Ear	Canal	Squamous Cell Carcinoma
Eye		Cataract
Heart	Myocardium Nos	Fibrosis, Focal
Kidney		Inflammation, Chronic Focal
Lung	Bronchus	Hyperplasia, Lymphoid
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Mesothelioma, Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: N,N'-Dicyclohexylthiourea
CAS Number: 1212-29-9

Date Report Requested: 10/26/2014
Time Report Requested: 17:37:44
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_220

TRT#: 4
DOSE: 50000 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Angiectasis
Eye		Cataract
		Hemorrhage
Heart	Myocardium Nos	Fibrosis, Focal
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal
Lung	Bronchus	Hyperplasia, Lymphoid
Skin		Basal-Cell Carcinoma
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Follicular-Cell Carcinoma

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:44

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_221

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Blood vessel

Heart

Kidney

Liver

Lung

Pancreas

Prostate

Spleen

Testis

Thyroid

Pulmonary Artery Nos

Myocardium Nos

Bile Duct

Bronchus

Islets

Angiectasis

Calcification, Medial

Fibrosis, Focal

Inflammation, Chronic Focal

Hyperplasia, Focal

Hyperplasia, Lymphoid

Islet-Cell Adenoma

Inflammation, Focal

Hematopoiesis

Hemosiderosis

Atrophy, Nos

Interstitial-Cell Tumor

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:44

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_222

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Bone marrow

Eye

Kidney

Medulla

Liver

Cortex

Spleen

Bile Duct

Testis

Angiectasis

Hyperplasia, Hematopoietic

Cataract

Cast, Nos

Pigmentation, Nos

Hyperplasia, Focal

Lymphoma, Histiocytic-Malignant Type

Atrophy, Nos

Interstitial-Cell Tumor

Hyperplasia, Follicular Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:44

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_223

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Epididymis

Fibrosis

Eye

Inflammation, Nos

Heart

Cataract

Liver

Myocardium Nos

Fibrosis, Focal

Lung

Bile Duct

Hyperplasia, Focal

Pancreas

Alveoli

Alveolar/Bronchiolar Carcinoma

Spleen

Islets

Congestion, Nos

Stomach

Cardiac Stomach

Islet-Cell Adenoma

Thyroid

Hemosiderosis

Unspecified

Multiple Sites Nos

Ulcer, Focal

Hyperplasia, Follicular Cell

Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:44

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_224

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye		Cataract
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal
Lung	Bronchus	Hyperplasia, Lymphoid
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
		Hyperplasia, C Cell
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:44

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_225

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis, Focal
Kidney		Inflammation, Chronic Focal
		Liposarcoma
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Focal
Lung	Bronchus	Hyperplasia, Lymphoid
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:44

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_226

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow

Kidney

Liver

Pancreas

Salivary gland

Spleen

Testis

Thyroid

Unspecified

Bile Duct

Duct Nos

Multiple Organs Nos

Hyperplasia, Erythroid

Inflammation, Chronic Focal

Hyperplasia, Focal

Hyperplasia, Focal

Fibrosis, Focal

Hematopoiesis

Atrophy, Nos

Interstitial-Cell Tumor

Hyperplasia, C Cell

Hyperplasia, Follicular Cell

Lymphocytic Inflammatory Infiltrate

Lymphoma, Undifferentiated-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: N,N'-Dicyclohexylthiourea
CAS Number: 1212-29-9

Date Report Requested: 10/26/2014
Time Report Requested: 17:37:44
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_227

TRT#: 4
DOSE: 50000 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Granulocytic
Kidney		Calcification, Focal
	Cortex	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Focal
		Metamorphosis, Fatty
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
		Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Lymphoma, Undifferentiated-Malignant Type

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:44

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_228

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart		Liposarcoma, Metastatic
Kidney	Capsule	Fibrosis, Focal
Lung		Alveolar/Bronchiolar Carcinoma
		Liposarcoma, Metastatic
Skeletal muscle		Liposarcoma, Metastatic
Spleen		Hemosiderosis
Thymus		Liposarcoma
Trachea	Submucosa	Hyperplasia, Lymphoid

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:44

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_229

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Eye

Heart

Kidney

Liver

Lung

Pituitary gland

Spleen

Testis

Thyroid

Myocardium Nos

Bile Duct

Bronchus

Angiectasis

Cataract

Fibrosis, Focal

Inflammation, Chronic Focal

Hyperplasia, Focal

Metamorphosis, Fatty

Hyperplasia, Lymphoid

Hemosiderosis

Hematopoiesis

Hemosiderosis

Atrophy, Nos

Interstitial-Cell Tumor

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:44

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_230

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Epididymis

Eye

Heart

Kidney

Liver

Lung

Prostate

Skin

Spleen

Testis

Thyroid

Myocardium Nos

Bile Duct

Bronchus

Nose

Angiectasis

Fibrosis

Necrosis, Nos

Cataract

Fibrosis, Focal

Inflammation, Interstitial

Hyperplasia, Focal

Hyperplasia, Lymphoid

Inflammation, Suppurative

Squamous Cell Papilloma

Hematopoiesis

Hemosiderosis

Atrophy, Nos

Interstitial-Cell Tumor

Follicular-Cell Carcinoma

Hyperplasia, Follicular Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:44

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_231

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Bone marrow		Hyperplasia, Hematopoietic
Epididymis	Duct Of Epididymis	Distention
Eye		Cataract
Heart	Myocardium Nos	Fibrosis, Focal
Kidney	Cortex	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Focal
		Metamorphosis, Fatty
Pancreas	Duct Nos	Hyperplasia, Focal
Skin		Squamous Cell Papilloma
Testis		Atrophy, Nos
	Tubule	Calcification, Focal
		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Lymphoma, Undifferentiated-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:44

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_232

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Eye		Cataract
Intestine Small	Ileum, Ileum	Adenomatous Polyp, Nos
Kidney	Tubule	Cast, Nos
Liver	Bile Duct	Hyperplasia, Focal
Lung	Bronchus	Hyperplasia, Lymphoid
		Pneumonia, Chronic Murine
Spleen		Hematopoiesis
Testis		Aspermatogenesis
Thyroid		Follicular-Cell Adenoma
		Hyperplasia, C Cell
Unspecified		Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:44

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_233

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Bone marrow

Hyperplasia, Erythroid

Eye

Cataract

Kidney

Inflammation, Chronic Focal

Liver

Bile Duct

Hyperplasia, Focal

Testis

Atrophy, Nos

Thyroid

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Hyperplasia, C Cell

Lymphoma, Undifferentiated-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:44

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_234

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis, Focal Periarteritis
Intestine Small	Peyers Patch	Hyperplasia, Lymphoid
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal Neoplastic Nodule
Lung	Bronchus	Hyperplasia, Lymphoid
Spleen		Hematopoiesis Hemosiderosis
Testis		Atrophy, Nos Interstitial-Cell Tumor
Thyroid		Cystic Follicles Hyperplasia, C Cell
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:44

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_235

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Accidentally Killed

HISTO:

OBSERVATIONS

Heart

Granuloma, Nos

Liver

Granuloma, Nos

Necrosis, Diffuse

Lung

Granuloma, Nos

Spleen

Hematopoiesis

Hemosiderosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:44

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_236

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Eye
Heart
Intestine Small
Kidney
Liver
Lung
Pancreas
Skin
Spleen

Thyroid
Trachea

Myocardium Nos
Peyers Patch

Bile Duct
Bronchus
Duct Nos

Pheochromocytoma
Cataract
Fibrosis, Focal
Hyperplasia, Lymphoid
Inflammation, Chronic Focal
Hyperplasia, Focal
Hyperplasia, Lymphoid
Hyperplasia, Focal
Basal-Cell Carcinoma
Hematopoiesis
Hemosiderosis
Hyperplasia, C Cell
Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:44

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_237

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Bone marrow

Eye

Kidney

Liver

Mammary gland

Spleen

Testis

Thyroid

Unspecified

Cortex

Bile Duct

Multiple Organs Nos

Hyperplasia, Hematopoietic

Cataract

Pigmentation, Nos

Hyperplasia, Focal

Fibroma

Hematopoiesis

Atrophy, Nos

Interstitial-Cell Tumor

C-Cell Adenoma

Hyperplasia, Follicular Cell

Lymphoma, Undifferentiated-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: N,N'-Dicyclohexylthiourea
CAS Number: 1212-29-9

Date Report Requested: 10/26/2014
Time Report Requested: 17:37:44
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_238

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Erythroid
Eye		Cataract
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal
Lung	Bronchus	Hyperplasia, Lymphoid
Pancreas	Islets	Islet-Cell Adenoma
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Follicular-Cell Carcinoma
		Hyperplasia, C Cell
		Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Lymphoma, Undifferentiated-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:44

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_239

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Unspecified

Multiple Organs Nos

Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:44

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_240

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Erythroid
Kidney	Cortex	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Focal
Lung		Alveolar/Bronchiolar Adenoma
Pancreas	Duct Nos	Hyperplasia, Focal
Peritoneum		Hemoperitoneum
		Mesothelioma, Nos
Pituitary gland		Angiectasis
		Chromophobe Adenoma
Prostate		Inflammation, Focal
Spleen		Erythropoiesis
		Granulopoiesis
		Rupture
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:44

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_241

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye		Cataract
Heart	Myocardium Nos	Fibrosis, Focal
Intestine Large	Colon	Nematodiasis
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal
		Metamorphosis, Fatty
Lung	Bronchus	Hyperplasia, Lymphoid
Mammary gland		Fibroma
Skin	Epidermis	Hyperplasia, Focal
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
		Cystic Follicles
		Hyperplasia, C Cell
		Hyperplasia, Follicular Cell
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:44

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_242

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis, Focal
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal
Lung	Bronchus	Hyperplasia, Lymphoid
Pancreas	Duct Nos	Hyperplasia, Focal
Pituitary gland		Angiectasis
Spleen		Chromophobe Adenoma
Testis		Hematopoiesis
Thyroid		Hemosiderosis
Trachea		Atrophy, Focal
		Interstitial-Cell Tumor
		Cystic Follicles
		Hyperplasia, Follicular Cell
		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:44

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_243

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Tubule

Cast, Nos

Nephropathy

Liver

Bile Duct

Hyperplasia, Focal

Lung

Pneumonia, Chronic Murine

Skin

Ear

Inflammation, Nos

Spleen

Hematopoiesis

Hemosiderosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:44

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_244

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye		Cataract
Heart	Myocardium Nos	Fibrosis, Focal
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal
Lung		Alveolar/Bronchiolar Adenoma
Pancreas	Islets	Islet-Cell Adenoma
Prostate		Inflammation, Focal
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, Follicular Cell
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:44

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_245

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Angiectasis

Kidney

Hyperplasia, Focal

Liver

Inflammation, Focal

Focal Cellular Change

Lung

Bile Duct

Hyperplasia, Focal

Pancreas

Bronchus

Hyperplasia, Lymphoid

Spleen

Islets

Islet-Cell Adenoma

Hematopoiesis

Testis

Hemosiderosis

Atrophy, Nos

Thyroid

Interstitial-Cell Tumor

Hyperplasia, Follicular Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:44

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_246

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Lung

Preputial gland

Testis

Thyroid

Trachea

Unspecified

Bronchus

Adipose Tissue

Adipose Tissue

Angiectasis

Inflammation, Chronic Focal

Alveolar Macrophages

Hyperplasia, Lymphoid

Hyperplasia, Nos

Inflammation, Focal

Interstitial-Cell Tumor

C-Cell Adenoma

Inflammation, Nos

Fibrosis

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:44

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_247

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Peyers Patch

Hyperplasia, Lymphoid

Kidney

Ileum

Mucinous Adenocarcinoma

Liver

Inflammation, Chronic Focal

Lung

Bronchus

Focal Cellular Change

Spleen

Hyperplasia, Lymphoid

Testis

Hematopoiesis

Hemosiderosis

Thyroid

Atrophy, Nos

Interstitial-Cell Tumor

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:44

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_248

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye		Cataract
Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Focal
Lung		Pneumonia, Chronic Murine
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:44

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_249

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Liver

Lung

Spleen

Testis

Thyroid

Unspecified

Cortex

Bile Duct

Bronchus

Angiectasis

Pigmentation, Nos

Hyperplasia, Focal

Hyperplasia, Lymphoid

Hematopoiesis

Hemosiderosis

Atrophy, Nos

Interstitial-Cell Tumor

Hyperplasia, Follicular Cell

Fibrosis

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04524

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N,N'-Dicyclohexylthiourea

CAS Number: 1212-29-9

Date Report Requested: 10/26/2014

Time Report Requested: 17:37:44

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_250

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Liver
Lung
Preputial gland

Prostate
Spleen
Testis

Bile Duct
Bronchus

Angiectasis
Inflammation, Chronic Focal
Hyperplasia, Focal
Hyperplasia, Lymphoid
Hyperplasia, Nos
Inflammation, Suppurative
Inflammation, Focal
Lymphoma, Undifferentiated-Malignant Type
Atrophy, Nos
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****

* PROTOCOL REQUIRED TISSUE