

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

C Number: C50646

Cage Range: All

Date Range: All

Reasons For Removal: All

Removal Date Range: All

Treatment Groups: All

Study Gender: Male

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_001

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow

Heart

Intestine Small

Kidney

Liver

Testis

Unspecified

Myocardium Nos

Mesentery Nos

Tubule

Multiple Organs Nos

Fibrosis, Myelo

Degeneration, Nos

Infarct, Nos

Nephropathy

Pigmentation, Nos

Fibrosis, Cholangio

Interstitial-Cell Tumor

Leukemia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_002

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Mammary gland

Pituitary gland

Testis

Unspecified

Urinary bladder

Myocardium Nos

Bile Duct

Multiple Organs Nos

Angiectasis

Degeneration, Nos

Nephropathy

Hepatocellular Carcinoma

Hyperplasia, Nos

Lactation

Adenoma, Nos

Interstitial-Cell Tumor

Leukemia, Nos

Inflammation, Chronic Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_003

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Liver

Lymph node

Preputial gland

Testis

Urinary bladder

Tubule

Bile Duct

Mandibular Lymph Node

Mandibular Lymph Node

Angiectasis

Nephropathy

Pigmentation, Nos

Hepatocellular Carcinoma

Hyperplasia, Nos

Lymphangiectasis

Mastocytosis

Adenoma, Nos

Interstitial-Cell Tumor

Inflammation, Chronic Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_004

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Blood vessel
Heart
Kidney

Pulmonary Artery Nos
Myocardium Nos
Tubule

Mineralization
Degeneration, Nos
Mineralization
Nephropathy
Pigmentation, Nos
Interstitial-Cell Tumor
Leukemia, Nos

Testis
Unspecified

Tubule
Multiple Organs Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_005

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Pancreas

Tubule

Pigmentation, Nos

Pituitary gland

Acinus

Atrophy, Nos

Preputial gland

Adenoma, Nos

Testis

Dilatation, Ducts

Thyroid

Interstitial-Cell Tumor

C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_006

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Tubule

Pigmentation, Nos

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_007

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Skin

Testis

Thyroid

Tubule

Pheochromocytoma

Nephropathy

Pigmentation, Nos

Cyst, Epidermal Inclusion

Interstitial-Cell Tumor

C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_008

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Epididymis
Kidney

Liver
Pancreas
Testis
Unspecified

Tubule
Bile Duct
Acinus
Multiple Organs Nos

Ganglioneuroma
Inflammation, Acute/Chronic
Nephropathy
Pigmentation, Nos
Hyperplasia, Nos
Atrophy, Nos
Interstitial-Cell Tumor
Leukemia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_009

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Nephropathy

Tubule

Pigmentation, Nos

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_010

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Fibrosis, Cholangio
Mammary gland		Lactation
Pituitary gland		Adenoma, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_011

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Liver

Tubule

Pigmentation, Nos

Testis

Bile Duct

Inflammation, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_012

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Blood vessel

Pulmonary Artery Nos

Mineralization

Eye

Cataract

Kidney

Nephropathy

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_013

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Liver

Lung

Testis

Thyroid

Unspecified

Tubule

Multiple Organs Nos

Focal Cellular Change

Nephropathy

Pigmentation, Nos

Fibrosis, Cholangio

Granuloma, Nos

Inflammation, Interstitial

Interstitial-Cell Tumor

C-Cell Adenoma

Leukemia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_014

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart
Kidney
Mammary gland

Myocardium Nos

Degeneration, Nos

Nephropathy

Fibroadenoma

Lactation

Testis

Interstitial-Cell Tumor

Thymus

Hyperplasia, Epithelial

Unspecified

Multiple Organs Nos

Leukemia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_015

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Mammary gland

Tubule

Pigmentation, Nos

Pancreas

Mammary Duct

Hyperplasia, Nos

Pituitary gland

Acinus

Atrophy, Nos

Testis

Periarteritis

Adenoma, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_016

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Epididymis

Eye

Heart

Kidney

Myocardium Nos

Tubule

Testis

Thyroid

Unspecified

Multiple Organs Nos

Degeneration, Nos

Cataract

Degeneration, Nos

Nephropathy

Pigmentation, Nos

Pyelonephritis, Suppurative

Interstitial-Cell Tumor

C-Cell Adenoma

Leukemia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_017

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Kidney

Cortex Nos
Tubule

Focal Cellular Change
Mineralization
Nephropathy

Liver
Mammary gland
Pituitary gland
Skin
Testis
Urinary bladder

Tubule

Pigmentation, Nos
Granuloma, Nos
Lactation
Carcinoma, Nos
Squamous Cell Carcinoma
Interstitial-Cell Tumor
Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_018

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Tubule

Nephropathy

Testis

Pigmentation, Nos

Unspecified

Adipose Tissue

Interstitial-Cell Tumor

Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_019

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Necrosis, Focal

Kidney

Tubule

Pigmentation, Nos

Testis

Hemorrhage

Unspecified

Multiple Organs Nos

Leukemia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_020

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Testis

Myocardium Nos

Tubule

Angiectasis

Degeneration, Nos

Nephropathy

Pigmentation, Nos

Fibrosis, Cholangio

Granuloma, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_021

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Intestine Small

Kidney

Liver

Testis

Myocardium Nos

Mesentery Nos

Tubule

Pheochromocytoma

Degeneration, Nos

Infarct, Nos

Nephropathy

Pigmentation, Nos

Focal Cellular Change

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_022

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Tubule

Liver

Tubule

Pituitary gland

Testis

Tunica Vaginalis

Pheochromocytoma

Mineralization

Nephropathy

Pigmentation, Nos

Fibrosis, Cholangio

Focal Cellular Change

Adenoma, Nos

Interstitial-Cell Tumor

Mesothelioma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_023

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Pancreas

Tubule

Pigmentation, Nos

Testis

Acinus

Atrophy, Nos

Unspecified

Multiple Organs Nos

Interstitial-Cell Tumor

Leukemia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_024

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain		Perivascular Cuffing
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Fibrosis, Cholangio
		Granuloma, Nos
Lymph node		Foreign Body, Nos
		Inflammation, Granulomatous
		Mastocytosis
Testis		Cyst, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_025

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Liver

Tubule

Pigmentation, Nos

Preputial gland

Bile Duct

Granuloma, Nos

Testis

Hyperplasia, Nos

Squamous Cell Carcinoma

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_026

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Lung		Inflammation, Necrotizing
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_027

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Fibrosis, Cholangio
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_028

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Tubule

Nephropathy

Liver

Pigmentation, Nos

Pituitary gland

Fibrosis, Cholangio

Testis

Focal Cellular Change

Adenoma, Nos

Tunica Vaginalis

Interstitial-Cell Tumor

Mesothelioma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_029

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Large
Kidney

Colon

Ulcer, Focal

Liver
Pancreas
Pituitary gland

Tubule

Nephropathy

Testis

Acinus

Pigmentation, Nos

Unspecified

Multiple Organs Nos

Granuloma, Nos

Cytoplasmic Vacuolization

Adenoma, Nos

Interstitial-Cell Tumor

Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_030

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Tubule

Infarct, Nos

Mineralization

Tubule

Pigmentation, Nos

Liver

Fibrosis, Cholangio

Testis

Hemorrhage

Unspecified

Multiple Organs Nos

Hyperplasia, Interstitial Cell

Leukemia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_031

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Mesothelioma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_032

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Tubule

Nephropathy

Pigmentation, Nos

Liver

Fibrosis, Cholangio

Pancreas

Granuloma, Nos

Preputial gland

Adenoma, Nos

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_033

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Epididymis

Degeneration, Nos

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Tubule

Degeneration, Nos

Testis

Nephropathy

Unspecified

Multiple Organs Nos

Interstitial-Cell Tumor

Leukemia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_034

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow

Heart

Kidney

Mammary gland

Testis

Myocardium Nos

Tubule

Hyperplasia, Granulocytic

Degeneration, Nos

Nephropathy

Pigmentation, Nos

Lactation

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_035

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Tubule

Pigmentation, Nos

Liver

Granuloma, Nos

Bile Duct

Hyperplasia, Nos

Mammary gland

Lactation

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_036

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
Pancreas	Acinus	Atrophy, Focal
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_037

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Tubule

Pigmentation, Nos

Lymph node

Mandibular Lymph Node

Plasmacytosis

Pituitary gland

Carcinoma, Nos

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_038

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Fibrosis, Cholangio
Mammary gland		Lactation
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_039

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Tubule

Mineralization

Nephropathy

Stomach

Ulcer, Nos

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_040

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Tubule

Nephropathy

Liver

Pigmentation, Nos

Testis

Focal Cellular Change

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_041

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Testis

Unspecified

Tubule

Multiple Organs Nos

Pheochromocytoma

Nephropathy

Pigmentation, Nos

Interstitial-Cell Tumor

Leukemia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_042

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Intestine Small

Kidney

Myocardium Nos

Mesentery Nos

Tubule

Bile Duct

Bronchus

Liver

Lung

Testis

Pheochromocytoma, Malignant

Degeneration, Nos

Infarct, Nos

Nephropathy

Pheochromocytoma, Metastatic

Pigmentation, Nos

Inflammation, Nos

Abscess, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_043

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye		Cataract
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Granuloma, Nos
Pituitary gland		Carcinoma, Nos
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_044

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Testis

Thyroid

Unspecified

Tubule

Multiple Organs Nos

Pheochromocytoma

Nephropathy

Pigmentation, Nos

Interstitial-Cell Tumor

C-Cell Adenoma

Fibrosarcoma

Leukemia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_045

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
		Fibrosis, Cholangio
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_046

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Testis

Myocardium Nos

Tubule

Pheochromocytoma

Degeneration, Nos

Nephropathy

Pigmentation, Nos

Cytoplasmic Change, Basophilic

Fibrosis, Cholangio

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_047

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Fibrosis, Cholangio
		Granuloma, Nos
Preputial gland		Abscess, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_048

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Colon	Hyperplasia, Lymphoid
Intestine Small	Mesentery Nos	Infarct, Nos
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Fibrosis, Cholangio
		Focal Cellular Change
		Granuloma, Nos
Pituitary gland		Adenoma, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_049

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Blood vessel
Kidney

Vein Of Neck

Thrombosis, Nos

Nephropathy

Tubule

Pigmentation, Nos

Liver
Mammary gland

Necrosis, Focal

Lactation

Pancreas

Acinus

Atrophy, Nos

Testis

Interstitial-Cell Tumor

Zymbal gland

Squamous Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_050

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Granuloma, Nos
Lung		Congestion, Nos
Preputial gland		Abscess, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_001

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 37 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Intestine Small
Kidney

Duodenum

Atrophy, Focal
Degeneration, Hyaline
Nephropathy
Alveolar/Bronchiolar Carcinoma
Hyperplasia, Focal
Cyst, Nos
Interstitial-Cell Tumor

Lung
Mammary gland
Pituitary gland
Testis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_002

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 37 PPM

DISP: Accidentally Killed

HISTO:

OBSERVATIONS

Heart

Myocardium Nos

Degeneration, Nos

Lung

Congestion, Nos

Spleen

Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_003

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 37 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Tubule

Nephropathy

Liver

Pigmentation, Nos

Fibrosis, Cholangio

Testis

Granuloma, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_004

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 37 PPM

DISP: Accidentally Killed

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Lung

Myocardium Nos

Hemorrhage

Degeneration, Nos

Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_005

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 37 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Large
Kidney

Myocardium Nos
Cecum, Colon
Pelvis

Tubule

Liver
Lung
Testis

Pheochromocytoma
Degeneration, Nos
Cyst, Nos
Hyperplasia, Epithelial
Mineralization
Nephropathy
Pigmentation, Nos
Hepatitis, Toxic
Inflammation, Interstitial
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_006

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 37 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Tubule

Nephropathy

Liver

Pigmentation, Nos

Mammary gland

Fibrosis, Cholangio

Testis

Lactation

Unspecified

Adipose Tissue

Interstitial-Cell Tumor

Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_007

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 37 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Kidney

Medulla

Hyperplasia, Focal
Nephropathy

Tubule

Pigmentation, Nos

Liver
Pancreas

Acinus

Fibrosis, Cholangio

Testis

Atrophy, Nos

Thymus

Interstitial-Cell Tumor

Carcinoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_008

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 37 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Myocardium Nos

Pheochromocytoma

Degeneration, Nos

Cyst, Nos

Nephropathy

Pancreas

Testis

Tubule

Acinus

Pigmentation, Nos

Atrophy, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_009

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 37 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Blood vessel

Heart

Kidney

Liver

Testis

Pulmonary Artery Nos

Myocardium Nos

Tubule

Pheochromocytoma

Mineralization

Degeneration, Nos

Nephropathy

Pigmentation, Nos

Angiectasis

Fibrosis, Cholangio

Focal Cellular Change

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_010

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 37 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Blood vessel
Kidney

Jugular Vein Nos

Mineralization

Liver

Tubule

Nephropathy

Pigmentation, Nos

Fibrosis, Cholangio

Focal Cellular Change

Pancreas

Acinus

Granuloma, Nos

Testis

Atrophy, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_011

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 37 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
Pancreas	Acinus	Atrophy, Nos
Skin		Cyst, Epidermal Inclusion
Testis		Interstitial-Cell Tumor
Urinary bladder		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_012

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 37 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Epididymis

Heart

Kidney

Liver

Mammary gland

Pituitary gland

Testis

Myocardium Nos

Tubule

Pheochromocytoma

Degeneration, Nos

Degeneration, Nos

Nephropathy

Pigmentation, Nos

Focal Cellular Change

Granuloma, Nos

Lactation

Adenoma, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_013

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 37 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Blood vessel

Pulmonary Artery Nos

Mineralization

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Tubule

Pigmentation, Nos

Preputial gland

Carcinoma, Nos

Prostate

Abscess, Nos

Unspecified

Lipoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_014

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 37 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow

Hyperplasia, Nos

Brain

Infarct, Hemorrhagic

Kidney

Tubule

Pigmentation, Nos

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_015

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 37 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart

Myocardium Nos

Degeneration, Nos

Liver

Fibrosis, Cholangio

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_016

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 37 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Tubule

Nephropathy

Liver

Pigmentation, Nos

Pancreas

Acinus

Fibrosis, Cholangio

Pituitary gland

Granuloma, Nos

Testis

Atrophy, Nos

Adenoma, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_017

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 37 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye	Conjunctiva	Inflammation, Acute/Chronic
Heart	Atrium	Thrombosis, Nos
Kidney		Nephropathy
Liver		Fibrosis, Cholangio
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_018

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 37 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_019

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 37 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Small
Kidney

Mesentery Nos

Infarct, Nos

Liver
Pancreas
Testis
Unspecified

Tubule

Nephropathy

Pigmentation, Nos

Fibrosis, Cholangio

Acinar-Cell Adenoma

Interstitial-Cell Tumor

Multiple Organs Nos

Leukemia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_020

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 37 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Colon	Nematodiasis
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Mammary gland		Lactation
Pituitary gland		Adenoma, Nos
Testis		Interstitial-Cell Tumor
Trachea		Inflammation, Chronic Focal
Unspecified	Multiple Organs Nos	Leukemia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_021

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 37 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Mesentery Nos	Necrosis, Fat
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Fibrosis, Cholangio
		Hepatocellular Carcinoma
Mammary gland		Lactation
Pituitary gland		Hyperplasia, Focal
Testis		Interstitial-Cell Tumor
Unspecified		Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_022

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 37 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Intestine Small

Kidney

Liver

Testis

Unspecified

Myocardium Nos

Mesentery Nos

Tubule

Pheochromocytoma

Degeneration, Nos

Infarct, Nos

Nephropathy

Pigmentation, Nos

Fibrosis, Cholangio

Interstitial-Cell Tumor

Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_023

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 37 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Fibrosis, Cholangio
Lung		Pneumonia, Chronic Murine
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_024

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 37 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Necrosis, Nos

Bone marrow

Hyperplasia, Nos

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Inflammation, Chronic

Tubule

Pigmentation, Nos

Liver

Inflammation, Necrotizing

Lung

Inflammation, Interstitial

Spleen

Necrosis, Nos

Stomach

Edema, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_025

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 37 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain		Hemorrhage
Kidney		Nephropathy
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Lung		Hemorrhage
		Hyperplasia, Adenomatous
Salivary gland		Atrophy, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_026

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 37 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Liver

Fibrosis, Cholangio

Focal Cellular Change

Mammary gland

Lactation

Pituitary gland

Adenoma, Nos

Testis

Interstitial-Cell Tumor

Thyroid

C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_027

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 37 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Blood vessel

Kidney

Pancreas

Testis

Pulmonary Artery Nos

Tubule

Acinus

Islets

Cortical Carcinoma

Mineralization

Nephropathy

Pigmentation, Nos

Atrophy, Nos

Islet-Cell Adenoma

Periarteritis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_028

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 37 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos Periarteritis
Kidney	Tubule	Nephropathy Pigmentation, Nos
Liver		Fibrosis, Cholangio
Pituitary gland		Adenoma, Nos
Testis		Interstitial-Cell Tumor
Unspecified		Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_029

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 37 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortical Carcinoma

Heart

Myocardium Nos

Pheochromocytoma

Kidney

Degeneration, Nos

Nephropathy

Tubule

Pigmentation, Nos

Liver

Fibrosis, Cholangio

Hepatocellular Carcinoma

Lung

Atelectasis

Congestion, Nos

Stomach

Ulcer, Nos

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_030

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 37 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Fibrosis, Cholangio
Mammary gland		Lactation
		Papillary Adenocarcinoma
Pancreas	Acinus	Atrophy, Nos
Pituitary gland		Adenoma, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_031

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 37 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Capsule

Hemorrhage

Kidney

Tubule

Inflammation, Nos

Liver

Tubule

Degeneration, Hyaline

Mammary gland

Pigmentation, Nos

Testis

Hepatocellular Carcinoma

Unspecified

Groin

Sarcoma, Nos, Metastatic

Fibroadenoma

Interstitial-Cell Tumor

Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_032

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 37 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Lung

Lymph node

Preputial gland

Testis

Myocardium Nos

Tubule

Mandibular Lymph Node

Pheochromocytoma

Degeneration, Nos

Nephropathy

Pigmentation, Nos

Inflammation, Interstitial

Plasmacytosis

Carcinoma, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_033

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 37 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Fibrosis, Cholangio
		Focal Cellular Change
		Granuloma, Nos
Pancreas	Acinus	Atrophy, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_034

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 37 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Tubule

Nephropathy

Liver

Pigmentation, Nos

Testis

Fibrosis, Cholangio

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_035

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 37 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Fibrosis, Cholangio
		Granuloma, Nos
Mammary gland		Lactation
Pituitary gland		Adenoma, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_036

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 37 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Tubule

Nephropathy

Liver

Pigmentation, Nos

Pituitary gland

Fibrosis, Cholangio

Testis

Cyst, Nos

Thyroid

Interstitial-Cell Tumor

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_037

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 37 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Blood vessel	Sup.Panc-Duod.Artery	Degeneration, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Fibrosis, Cholangio
Pancreas	Acinus	Atrophy, Nos
		Periarteritis
Testis		Interstitial-Cell Tumor
Unspecified		Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_038

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 37 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Fibrosis, Cholangio
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_039

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 37 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel

Pulmonary Artery Nos

Mineralization

Heart

Myocardium Nos

Degeneration, Nos

Atrium

Thrombosis, Nos

Kidney

Tubule

Pigmentation, Nos

Liver

Centrilobular

Necrosis, Nos

Prostate

Testis

Tubule

Abscess, Nos

Degeneration, Nos

Mineralization

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_040

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 37 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Liver

Fibrosis, Cholangio

Mammary gland

Lactation

Testis

Interstitial-Cell Tumor

Thyroid

Atrophy, Focal

Unspecified

Multiple Organs Nos

Leukemia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_041

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 37 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Liver

Testis

Tubule

Pheochromocytoma

Nephropathy

Pigmentation, Nos

Fibrosis, Cholangio

Focal Cellular Change

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_042

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 37 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow

Hyperplasia, Nos

Kidney

Tubule

Mineralization

Nephropathy

Tubule

Pigmentation, Nos

Liver

Fibrosis, Cholangio

Pancreas

Necrosis, Nos

Testis

Hyperplasia, Interstitial Cell

Unspecified

Multiple Organs Nos

Leukemia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_043

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 37 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver

Fibrosis, Cholangio

Neoplastic Nodule

Lung

Congestion, Nos

Pituitary gland

Adenoma, Nos

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Nos

Steatitis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_044

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 37 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Unspecified

Multiple Organs Nos

Leukemia, Granulocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_045

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 37 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Tubule

Nephropathy

Liver

Pigmentation, Nos

Mammary gland

Fibrosis, Cholangio

Pituitary gland

Focal Cellular Change

Prostate

Lactation

Testis

Papillary Adenocarcinoma

Adenoma, Nos

Inflammation, Acute/Chronic

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_046

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 37 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Liver

Fibrosis, Cholangio

Lymph node

Mesenteric Lymph Node

Lymphangiectasis

Pituitary gland

Adenoma, Nos

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_047

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 37 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Mesentery Nos	Infarct, Nos
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Fibrosis, Cholangio
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_048

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 37 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Fibrosis, Cholangio
		Focal Cellular Change
		Neoplastic Nodule
Lung		Inflammation, Chronic
Mammary gland		Papillary Adenocarcinoma
Pituitary gland		Adenoma, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_049

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 37 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Blood vessel

Pulmonary Artery Nos

Mineralization

Heart

Myocardium Nos

Degeneration, Nos

Intestine Small

Ileum, Ileum

Inflammation, Chronic

Kidney

Tubule

Nephropathy

Liver

Pigmentation, Nos

Lung

Metamorphosis, Fatty

Stomach

Congestion, Nos

Testis

Inflammation, Necrotizing

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_050

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 37 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Tubule

Nephropathy

Liver

Pigmentation, Nos

Testis

Fibrosis, Cholangio

Granuloma, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_001

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Testis

Thymus

Myocardium Nos

Tubule

Angiectasis

Degeneration, Nos

Nephropathy

Pigmentation, Nos

Fibrosis, Cholangio

Interstitial-Cell Tumor

Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_002

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Nos

Kidney

Nephropathy

Tubule

Pigmentation, Nos

Liver

Fibrosis, Cholangio

Focal Cellular Change

Mammary gland

Adenoma, Nos

Pituitary gland

Adenoma, Nos

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_003

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Liver

Mammary gland

Pancreas

Testis

Tubule

Acinus

Pheochromocytoma

Nephropathy

Pigmentation, Nos

Fibrosis, Cholangio

Hepatocellular Carcinoma

Fibroadenoma

Atrophy, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_004

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Blood vessel
Kidney

Pulmonary Artery Nos

Mineralization

Liver

Tubule

Nephropathy

Mammary gland

Pituitary gland

Testis

Pigmentation, Nos

Fibrosis, Cholangio

Granuloma, Nos

Lactation

Hyperplasia, Focal

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_005

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lymph node

Pancreas

Prostate

Spleen

Testis

Unspecified

Myocardium Nos

Mesenteric Lymph Node

Adipose Tissue

Angiectasis

Degeneration, Nos

Nephropathy

Necrosis, Coagulative

Lymphangiectasis

Inflammation, Chronic Focal

Abscess, Nos

Hematopoiesis

Interstitial-Cell Tumor

Fibroma

Steatitis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_006

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye

Retina

Atrophy, Nos

Cataract

Kidney

Tubule

Synechia, Posterior

Nephropathy

Liver

Pigmentation, Nos

Pituitary gland

Fibrosis, Cholangio

Testis

Cyst, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_007

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver

Mammary gland

Testis

Unspecified

Multiple Organs Nos

Fibrosis, Cholangio

Hyperplasia, Nos

Interstitial-Cell Tumor

Leukemia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_008

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_009

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Tubule

Nephropathy

Liver

Pigmentation, Nos

Mammary gland

Fibrosis, Cholangio

Pancreas

Acinus

Granuloma, Nos

Testis

Galactocele

Atrophy, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_010

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain		Medulloblastoma
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Cyst, Embryonal Duct
		Cytoplasmic Change, Basophilic
		Fibrosis, Cholangio
		Granuloma, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_011

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye	Retina	Atrophy, Nos Cataract
Kidney	Tubule	Nephropathy Pigmentation, Nos
Liver		Fibrosis, Cholangio
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified		Fibroma
Urinary bladder		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_012

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Tubule

Nephropathy

Liver

Testis

Unspecified

Multiple Organs Nos

Pigmentation, Nos

Focal Cellular Change

Interstitial-Cell Tumor

Leukemia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_013

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Focal Cellular Change

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Nephropathy

Tubule

Pigmentation, Nos

Liver

Fibrosis, Cholangio

Mammary gland

Lactation

Testis

Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_014

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Pancreas

Testis

Myocardium Nos

Tubule

Acinus

Pheochromocytoma

Degeneration, Nos

Nephropathy

Pigmentation, Nos

Fibrosis, Cholangio

Atrophy, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_015

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Focal

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Nephropathy

Tubule

Pigmentation, Nos

Liver

Fibrosis, Cholangio

Pituitary gland

Focal Cellular Change

Prostate

Adenoma, Nos

Spleen

Abscess, Nos

Testis

Capsule

Hyperplasia, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_016

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Blood vessel

Pulmonary Artery Nos

Mineralization

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Nephropathy

Liver

Fibrosis, Cholangio

Pancreas

Acinus

Cytoplasmic Vacuolization

Testis

Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_017

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Liver

Fibrosis, Cholangio

Lung

Metamorphosis, Fatty

Mammary gland

Inflammation, Acute/Chronic

Pituitary gland

Lactation

Testis

Adenoma, Nos

Unspecified

Multiple Organs Nos

Atrophy, Nos

Leukemia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_018

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Nephropathy

Tubule

Pigmentation, Nos

Liver

Fibrosis, Cholangio

Mammary gland

Lactation

Testis

Atrophy, Nos

Unspecified

Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_019

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Fibrosis, Cholangio
Mammary gland		Lactation
Pancreas	Acinus	Atrophy, Nos
Pituitary gland		Adenoma, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_020

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Small

Mesentery Nos

Sarcoma, Nos

Kidney

Tubule

Pigmentation, Nos

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_021

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Preputial gland

Spleen

Testis

Unspecified

Myocardium Nos

Bile Duct

Adipose Tissue

Pheochromocytoma

Degeneration, Nos

Nephropathy

Cytoplasmic Change, Basophilic

Hyperplasia, Nos

Inflammation, Chronic

Abscess, Nos

Carcinoma, Nos

Hematopoiesis

Interstitial-Cell Tumor

Steatitis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_022

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Testis

Myocardium Nos

Tubule

Pheochromocytoma

Degeneration, Nos

Nephropathy

Pigmentation, Nos

Fibrosis, Cholangio

Focal Cellular Change

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_023

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Fibrosis, Cholangio
		Focal Cellular Change
Mammary gland		Lactation
Testis		Interstitial-Cell Tumor
Unspecified		Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_024

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Testis

Atrophy, Nos

Unspecified

Multiple Organs Nos

Leukemia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_025

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortical Adenoma

Kidney

Pheochromocytoma

Tubule

Nephropathy

Liver

Pigmentation, Nos

Mammary gland

Fibrosis, Cholangio

Pancreas

Lactation

Pituitary gland

Acinus

Atrophy, Nos

Testis

Adenoma, Nos

Unspecified

Multiple Organs Nos

Interstitial-Cell Tumor

Leukemia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_026

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Nephrosis, Hydro

Tubule

Pigmentation, Nos

Prostate

Inflammation, Acute

Seminal vesicle

Inflammation, Acute

Unspecified

Multiple Organs Nos

Leukemia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_027

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Tubule

Nephropathy

Liver

Pigmentation, Nos

Pituitary gland

Fibrosis, Cholangio

Prostate

Focal Cellular Change

Testis

Adenoma, Nos

Urinary bladder

Abscess, Nos

Interstitial-Cell Tumor

Inflammation, Chronic Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_028

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Colon	Inflammation, Chronic Focal
Kidney	Tubule	Nephropathy
Liver		Pigmentation, Nos
Mammary gland		Fibrosis, Cholangio
Pancreas	Acinus	Lactation
Pituitary gland		Atrophy, Nos
Testis		Cyst, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_029

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Fibrosis, Cholangio
		Granuloma, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_030

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Granuloma, Nos
Lung		Inflammation, Interstitial
Mammary gland		Adenocarcinoma, Nos
		Lactation
Pancreas	Acinus	Atrophy, Nos
Preputial gland		Carcinoma, Nos
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_031

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver	Bile Duct	Cyst, Nos
		Fibrosis, Cholangio
		Focal Cellular Change
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_032

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Blood vessel

Pulmonary Artery Nos

Mineralization

Brain

Glioma, Nos

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Tubule

Pigmentation, Nos

Unspecified

Groin

Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_033

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Liver

Testis

Tubule

Pheochromocytoma

Nephropathy

Pigmentation, Nos

Fibrosis, Cholangio

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_034

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Mucosa, Duodenum

Cystadenocarcinoma, Nos

Kidney

Nephropathy

Liver

Degeneration, Cystic

Bile Duct

Hyperplasia, Nos

Skin

Cutaneous Horn

Unspecified

Multiple Organs Nos

Leukemia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_035

TRT#: 3

DOSE: 0

SEX: Male

DISP: Natural Death

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Mammary gland

Pituitary gland

Prostate

Testis

Myocardium Nos

Tubule

Pheochromocytoma

Degeneration, Nos

Pigmentation, Nos

Fibrosis, Cholangio

Congestion, Nos

Lactation

Adenoma, Nos

Hyperplasia, Focal

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_036

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Mammary gland		Lactation
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Nos
Zymbal gland		Squamous Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_037

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Mammary gland

Pancreas

Testis

Unspecified

Myocardium Nos

Tubule

Acinus

Pheochromocytoma

Degeneration, Nos

Nephropathy

Pigmentation, Nos

Fibrosis, Cholangio

Lactation

Atrophy, Nos

Interstitial-Cell Tumor

Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_038

TRT#: 3

DOSE: 0

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Brain		Glioma, Nos
Kidney		Nephropathy
Liver		Fibrosis, Cholangio
Lung		Atelectasis
		Congestion, Nos
Mammary gland		Lactation
Pancreas	Acinus	Atrophy, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_039

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Fibrosis, Cholangio
		Granuloma, Nos
Mammary gland		Lactation
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_040

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Fibrosis, Cholangio
		Granuloma, Nos
Mammary gland		Inflammation, Acute/Chronic
		Lactation
Pancreas	Acinus	Atrophy, Nos
Pituitary gland		Adenoma, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_041

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Small
Kidney

Mesentery Nos

Infarct, Nos

Liver
Mammary gland
Pituitary gland
Prostate
Testis

Tubule

Nephropathy

Pigmentation, Nos

Fibrosis, Cholangio

Lactation

Cytoplasmic Vacuolization

Abscess, Nos

Thyroid

Tunica Vaginalis

Hyperplasia, Mesothelial

Interstitial-Cell Tumor

C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_042

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Liver

Pancreas

Testis

Unspecified

Tubule

Acinus

Multiple Organs Nos

Pheochromocytoma

Nephropathy

Pigmentation, Nos

Angiectasis

Fibrosis, Cholangio

Atrophy, Nos

Interstitial-Cell Tumor

Leukemia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_043

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Intestine Small

Kidney

Liver

Lung

Lymph node

Mammary gland

Pituitary gland

Testis

Myocardium Nos

Ileum, Ileum

Mesentery Nos

Tubule

Mesenteric Lymph Node

Pheochromocytoma

Degeneration, Nos

Hyperplasia, Lymphoid

Infarct, Nos

Nephropathy

Pigmentation, Nos

Fibrosis, Cholangio

Atelectasis

Hyperplasia, Nos

Lactation

Adenoma, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_044

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Blood vessel
Heart
Kidney

Pulmonary Artery Nos
Myocardium Nos

Tubule

Liver
Testis

Mineralization
Degeneration, Nos
Nephropathy
Pigmentation, Nos
Fibrosis, Cholangio
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_045

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Fibrosis, Cholangio
Mammary gland		Lactation
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_046

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Lymph node	Mandibular Lymph Node	Lymphangiectasis
Mammary gland		Lactation
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_047

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Fibrosis, Cholangio
		Focal Cellular Change
Pituitary gland		Adenoma, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_048

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Granuloma, Nos
Mammary gland		Lactation
Pituitary gland		Cytoplasmic Vacuolization
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_049

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Tubule

Nephropathy

Liver

Pigmentation, Nos

Mammary gland

Angiectasis

Testis

Fibrosis, Cholangio

Unspecified

Lactation

Interstitial-Cell Tumor

Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50646

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Caprolactam

CAS Number: 105-60-2

Date Report Requested: 10/26/2014

Time Report Requested: 10:17:26

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_050

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Mammary gland

Lactation

Testis

Atrophy, Nos

Unspecified

Multiple Organs Nos

Leukemia, Nos

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****