

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

C Number: C03612

Cage Range: All

Date Range: All

Reasons For Removal: All

Removal Date Range: All

Treatment Groups: All

Study Gender: Female

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_051

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos Neoplastic Nodule
Lymph node	Mesenteric Lymph Node	Atrophy, Nos
	Mesenteric Lymph Node	Erythrophagocytosis
	Cervical Lymph Node Nos	Lymphangiectasis
Mammary gland		Lactation
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_052

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Liver		Hyperplasia, Nos
Lymph node	Mesenteric Lymph Node	Atrophy, Nos
	Cervical Lymph Node Nos	Hemosiderosis
	Cervical Lymph Node Nos	Hyperplasia, Lymphoid
	Cervical Lymph Node Nos	Hyperplasia, Reticulum Cell
Mammary gland		Lactation
Pituitary gland		Adenocarcinoma, Nos
Unspecified	Multiple Organs Nos	Leukemia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_053

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
		Hyperplasia, Nos
Lymph node	Cervical Lymph Node Nos	Hyperplasia, Lymphoid
	Cervical Lymph Node Nos	Lymphangiectasis
Mammary gland		Fibroadenoma
		Lactation
Pituitary gland		Chromophobe Adenoma
Unspecified	Multiple Organs Nos	Leukemia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_054

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Chronic
Liver		Hyperplasia, Nos
	Bile Duct	Inflammation, Chronic
Lymph node	Renal Lymph Node	Erythrophagocytosis
	Cervical Lymph Node Nos	Hyperplasia, Lymphoid
	Renal Lymph Node	Lymphangiectasis
Mammary gland		Fibroadenoma
Parathyroid gland		Hyperplasia, Nos
Pituitary gland		Cyst, Nos
Spleen		Hemosiderosis
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_055

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Angiectasis

Liver

Bile Duct

Lipoidosis

Lymph node

Cervical Lymph Node Nos

Hyperplasia, Nos

Mammary gland

Hyperplasia, Nos

Pituitary gland

Erythrophagocytosis

Lactation

Chromophobe Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_056

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Liver

Mammary gland

Thymus

Thyroid

Myocardium Nos

Bile Duct

Angiectasis

Inflammation, Chronic

Hyperplasia, Nos

Hyperplasia, Nos

Fibroadenoma

Lactation

Atrophy, Nos

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_057

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Angiectasis

Brain

Cortex Nos

Hyperplasia, Nos

Liver

Lipoidosis

Mammary gland

Atrophy, Pressure

Hyperplasia, Nos

Pituitary gland

Fibroadenoma

Galactocele

Spleen

Chromophobe Carcinoma

Hemosiderosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_058

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver	Bile Duct	Hyperplasia, Nos Hyperplasia, Nos
Lymph node	Cervical Lymph Node Nos	Hemosiderosis
Mammary gland		Fibroadenoma Galactocele
Pituitary gland		Cyst, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_059

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Necrosis, Focal

Bone marrow

Hypoplasia, Erythroid

Kidney

Pelvis

Hyperplasia, Epithelial

Urinary bladder

Nephropathy

Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_060

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Pituitary gland

Hernia, Nos

Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_061

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos Hyperplasia, Nos Hypertrophy, Nos
Lymph node	Cervical Lymph Node Nos	Lymphangiectasis
Mammary gland		Lactation
Pituitary gland		Chromophobe Adenoma
Thyroid		C-Cell Adenoma
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_062

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Chronic
Liver		Hyperplasia, Nos
Lymph node	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
Mammary gland		Galactocele
Spleen		Hemosiderosis
Thymus		Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_063

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
		Neoplastic Nodule
Lymph node	Cervical Lymph Node Nos	Lymphangiectasis
Mammary gland		Galactocele
Pituitary gland		Chromophobe Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_064

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
		Hyperplasia, Nos
	Bile Duct	Inflammation, Chronic
		Necrosis, Nos
Mammary gland		Cystadenoma, Nos
		Galactocele
Pituitary gland		Chromophobe Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_065

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain

Abscess, Nos

Kidney

Pyelonephritis, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_066

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Pyelonephritis, Nos

Thymus

Atrophy, Nos

Urinary bladder

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_067

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver	Hyperplasia, Nos
Mammary gland	Lactation
Pituitary gland	Chromophobe Adenoma
Spleen	Hemosiderosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_068

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Nos

Heart

Myocardium Nos

Inflammation, Chronic

Liver

Hyperplasia, Nos

Mammary gland

Cystadenoma, Nos

Galactocele

Pituitary gland

Chromophobe Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_069

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Liver		Neoplastic Nodule
Lymph node	Mesenteric Lymph Node	Atrophy, Nos
	Cervical Lymph Node Nos	Erythrophagocytosis
	Cervical Lymph Node Nos	Lymphangiectasis
Mammary gland		Lactation
Spleen		Hemosiderosis
Thymus		Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_070

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver

Bile Duct

Hyperplasia, Nos

Hyperplasia, Nos

Lymphocytic Inflammatory Infiltrate

Mammary gland

Lactation

Unspecified

Multiple Organs Nos

Hyperplasia, Lymphoid

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_071

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver		Hyperplasia, Nos
Lymph node	Cervical Lymph Node Nos	Lymphangiectasis
Mammary gland		Cystadenoma, Nos
		Cystfibroadenoma
		Galactocele
Pituitary gland		Chromophobe Adenoma
Thymus		Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_072

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver	Bile Duct	Hyperplasia, Nos Neoplastic Nodule
Mammary gland		Lactation
Pituitary gland		Chromophobe Adenoma
Spleen		Hyperplasia, Lymphoid

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_073

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
		Hyperplasia, Nos
Lymph node	Cervical Lymph Node Nos	Lymphangiectasis
Mammary gland		Lactation
Pituitary gland		Chromophobe Adenoma
Thymus		Atrophy, Nos
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_074

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Liver

Myocardium Nos

Bile Duct

Lymph node

Cervical Lymph Node Nos

Cervical Lymph Node Nos

Mammary gland

Pituitary gland

Thyroid

Pheochromocytoma

Inflammation, Chronic

Fibrosis, Cholangio

Hyperplasia, Nos

Hyperplasia, Nos

Erythrophagocytosis

Lymphangiectasis

Lactation

Cyst, Nos

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_075

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Chronic
Liver		Neoplastic Nodule
Mammary gland		Lactation
Pituitary gland		Chromophobe Adenoma
Uterus	Endometrium	Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_076

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Pyelonephritis, Chronic
Liver		Hyperplasia, Nos
Lymph node	Cervical Lymph Node Nos	Lymphangiectasis
Mammary gland		Fibroadenoma
		Lactation
Pituitary gland		Chromophobe Adenoma
Urinary bladder		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_077

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Urinary bladder

Pyelonephritis, Nos

Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_078

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
		Hyperplasia, Nos
Mammary gland		Galactocele
Skin	Foot And Toe Nos	Papilloma, Nos
Thymus		Atrophy, Nos
Thyroid		Cystadenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_079

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Pelvis

Hyperplasia, Epithelial

Urinary bladder

Pelvis

Inflammation, Nos

Inflammation, Nos

Hyperplasia, Epithelial

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_080

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver	Bile Duct	Fibrosis, Cholangio Hyperplasia, Nos Hypertrophy, Nos Metamorphosis, Fatty
Lymph node	Mesenteric Lymph Node Cervical Lymph Node Nos Mandibular Lymph Node Cervical Lymph Node Nos	Congestion, Nos Erythrophagocytosis Hyperplasia, Lymphoid Lymphangiectasis
Mammary gland		Galactocele
Thymus		Atrophy, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Uterus	Endometrium	Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_081

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Chronic
Liver		Hyperplasia, Nos
Mammary gland		Galactocele
Ovary		Cyst, Follicular Nos
Pituitary gland		Chromophobe Adenoma
Spleen		Hemosiderosis
Thymus		Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_082

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos Hyperplasia, Nos
Mammary gland		Lactation
Spleen		Hemosiderosis
Thymus		Atrophy, Nos
Thyroid	Follicle	Cystadenoma, Nos
Urinary bladder		Adenocarcinoma, Nos Hyperplasia, Epithelial
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_083

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Nephrosis, Hydro

Urinary bladder

Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_084

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Pyelonephritis, Nos

Liver

Hyperplasia, Nos

Mammary gland

Lactation

Spleen

Atrophy, Nos

Thymus

Hemosiderosis

Urinary bladder

Atrophy, Nos

Hyperplasia, Epithelial

Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_085

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Colon

Hyperplasia, Lymphoid

Kidney

Pyelonephritis, Chronic

Liver

Bile Duct

Hyperplasia, Nos

Hyperplasia, Nos

Mammary gland

Lactation

Pituitary gland

Chromophobe Adenoma

Thymus

Atrophy, Nos

Urinary bladder

Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_086

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Liver

Lymph node

Mammary gland

Thyroid

Bile Duct

Mesenteric Lymph Node

Cervical Lymph Node Nos

Mesenteric Lymph Node

Cervical Lymph Node Nos

Pheochromocytoma

Hyperplasia, Nos

Hyperplasia, Nos

Atrophy, Nos

Erythrophagocytosis

Hyperplasia, Reticulum Cell

Lymphangiectasis

Fibroadenoma

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_087

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Nos

Heart

Myocardium Nos

Inflammation, Chronic

Liver

Bile Duct

Hyperplasia, Nos

Hyperplasia, Nos

Mammary gland

Lactation

Pituitary gland

Chromophobe Adenoma

Unspecified

Multiple Organs Nos

Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_088

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Lipoidosis

Heart

Myocardium Nos

Inflammation, Chronic

Kidney

Pyelonephritis, Chronic

Liver

Fibrosis, Cholangio

Bile Duct

Hyperplasia, Nos

Lymph node

Cervical Lymph Node Nos

Hyperplasia, Nos

Mammary gland

Lymphangiectasis

Pituitary gland

Lactation

Chromophobe Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_089

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Liver

Lymph node

Mammary gland

Pituitary gland

Spleen

Myocardium Nos

Bile Duct

Cervical Lymph Node Nos

Angiectasis

Inflammation, Chronic

Hyperplasia, Nos

Hyperplasia, Nos

Lymphangiectasis

Lactation

Chromophobe Adenoma

Hemosiderosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_090

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart

Myocardium Nos

Inflammation, Chronic

Liver

Bile Duct

Hyperplasia, Nos

Bile Duct

Inflammation, Chronic

Neoplastic Nodule

Thyroid

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_091

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Liver

Hyperplasia, Nos

Mammary gland

Lactation

Thymus

Atrophy, Nos

Uterus

Polyp, Inflammatory

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_092

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Liver

Hyperplasia, Nos

Mammary gland

Galactocele

Pituitary gland

Chromophobe Adenoma

Thymus

Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_093

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Liver		Hyperplasia, Nos
Mammary gland		Adenoma, Nos
		Lactation
Pancreas		Periarteritis
Pituitary gland		Chromophobe Adenoma
Thymus		Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_094

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver

Fibrosis, Cholangio

Bile Duct

Hyperplasia, Nos

Hyperplasia, Nos

Mammary gland

Fibroadenoma

Lactation

Pituitary gland

Cyst, Nos

Thymus

Atrophy, Nos

Thyroid

C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_095

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain		Atrophy, Pressure
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
		Hyperplasia, Nos
Mammary gland		Hyperplasia, Nos
		Lactation
Pituitary gland		Chromophobe Adenoma
Spleen		Hemosiderosis
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_096

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney	Medulla	Mineralization Pyelonephritis, Chronic
Liver		Hyperplasia, Nos
Lung		Congestion, Nos
Mammary gland		Lactation
Pituitary gland		Chromophobe Adenoma
Spleen		Atrophy, Nos
		Hemosiderosis
Thymus		Atrophy, Nos
Urinary bladder		Adenomatous Polyp, Nos
	Mucosa	Calculus, Unknown Gross Or Micro
		Hyperplasia, Epithelial
		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_097

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Nos

Heart

Myocardium Nos

Inflammation, Chronic

Kidney

Inflammation, Chronic

Liver

Bile Duct

Hyperplasia, Nos

Hyperplasia, Nos

Mammary gland

Lactation

Thymus

Atrophy, Nos

Thyroid

Hyperplasia, C Cell

Urinary bladder

Adenocarcinoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_098

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Nephrosis, Hydro

Pyelonephritis, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_099

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain		Atrophy, Pressure
		Hydrocephalus, Nos
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Chronic
	Medulla	Mineralization
Liver	Bile Duct	Hyperplasia, Nos
		Hyperplasia, Nos
Lung		Inflammation, Chronic
Mammary gland		Fibroadenoma
		Lactation
Pituitary gland		Chromophobe Adenoma
Spleen		Hemosiderosis
Thymus		Atrophy, Nos
Urinary bladder		Hyperplasia, Epithelial
		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_100

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
		Hyperplasia, Nos
Mammary gland		Lactation
Pituitary gland		Chromophobe Carcinoma
Spleen		Hemosiderosis
Thymus		Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_151

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Intestine Large	Colon	Hyperplasia, Lymphoid
Intestine Small	Peyers Patch	Ulcer, Chronic
Kidney		Inflammation, Chronic
Liver		Hyperplasia, Nos
Mammary gland		Lactation
Pituitary gland		Chromophobe Adenoma
Thymus		Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_152

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Lipoidosis

Brain

Atrophy, Pressure

Liver

Hyperplasia, Nos

Lymph node

Mesenteric Lymph Node

Erythrophagocytosis

Mammary gland

Lactation

Pituitary gland

Chromophobe Carcinoma

Thymus

Atrophy, Nos

Thyroid

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_153

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Colon

Hyperplasia, Lymphoid

Liver

Bile Duct

Hyperplasia, Nos

Hyperplasia, Nos

Bile Duct

Inflammation, Chronic

Mammary gland

Lactation

Pituitary gland

Chromophobe Carcinoma

Thymus

Atrophy, Nos

Thyroid

Hyperplasia, C Cell

Uterus

Polyp, Inflammatory

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_154

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver	Bile Duct	Hyperplasia, Nos Hyperplasia, Nos
Lymph node	Cervical Lymph Node Nos Cervical Lymph Node Nos	Erythrophagocytosis Lymphangiectasis
Mammary gland		Adenoma, Nos Fibroadenoma Lactation
Pituitary gland		Chromophobe Adenoma
Spleen		Hemosiderosis
Thymus		Atrophy, Nos
Uterus		Polyp, Inflammatory

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_155

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
		Hyperplasia, Nos
Mammary gland		Lactation
Pituitary gland		Chromophobe Adenoma
Thymus		Atrophy, Nos
Uterus		Polyp, Inflammatory

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_156

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart

Myocardium Nos

Inflammation, Chronic

Liver

Bile Duct

Hyperplasia, Nos

Mammary gland

Hyperplasia, Nos

Uterus

Lactation

Polyp, Inflammatory

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_157

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
		Hyperplasia, Nos
Mammary gland		Fibroadenoma
		Lactation
Pituitary gland		Cyst, Hemorrhagic
Thymus		Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_158

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver		Hyperplasia, Focal
	Bile Duct	Hyperplasia, Nos
Mammary gland		Lactation
Pituitary gland		Chromophobe Adenoma
Thymus		Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_159

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart

Myocardium Nos

Inflammation, Chronic

Liver

Bile Duct

Hyperplasia, Nos

Mammary gland

Hyperplasia, Nos

Lactation

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_160

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver		Hyperplasia, Nos
Lymph node	Cervical Lymph Node Nos	Hyperplasia, Lymphoid
	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
	Cervical Lymph Node Nos	Lymphangiectasis
	Cervical Lymph Node Nos	Plasma-Cell Infiltrate
Mammary gland		Lactation
Pituitary gland		Chromophobe Adenoma
Stomach		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_161

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Lipoidosis

Heart

Myocardium Nos

Inflammation, Chronic

Kidney

Inflammation, Chronic

Liver

Bile Duct

Hyperplasia, Nos

Hyperplasia, Nos

Mammary gland

Lactation

Pituitary gland

Chromophobe Adenoma

Thymus

Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_162

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
		Hyperplasia, Nos
Pituitary gland		Chromophobe Adenoma
Spleen		Hemosiderosis
Thyroid		Hyperplasia, C Cell
Uterus		Polyp, Inflammatory

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_163

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Intestine Large	Colon	Hyperplasia, Lymphoid
Liver	Bile Duct	Hyperplasia, Nos
		Hyperplasia, Nos
Lung		Hyperplasia, Alveolar Epithelium
Lymph node	Mesenteric Lymph Node	Erythrophagocytosis
Mammary gland		Lactation
Spleen		Hemosiderosis
Thymus		Atrophy, Nos
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_164

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Chronic
Liver		Fibrosis, Cholangio
	Bile Duct	Hyperplasia, Nos
		Hyperplasia, Nos
Mammary gland		Fibroadenoma
		Lactation
Pituitary gland		Chromophobe Adenoma
Thymus		Atrophy, Nos
Thyroid		Hyperplasia, C Cell
Uterus		Polyp, Inflammatory

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_165

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Liver

Mammary gland

Thymus

Thyroid

Uterus

Myocardium Nos

Bile Duct

Endometrium

Fibrosis

Inflammation, Chronic

Hyperplasia, Nos

Hyperplasia, Nos

Lactation

Atrophy, Nos

Hyperplasia, C Cell

Inflammation, Acute Vesicular

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_166

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain		Atrophy, Pressure
Heart	Myocardium Nos	Inflammation, Chronic
Intestine Large	Colon	Hyperplasia, Lymphoid
Liver	Bile Duct	Hyperplasia, Nos
		Hyperplasia, Nos
Mammary gland		Lactation
Pituitary gland		Chromophobe Adenoma
Spleen		Hyperplasia, Lymphoid
Thymus		Atrophy, Nos
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_167

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
		Hyperplasia, Nos
Mammary gland		Lactation
Pituitary gland		Chromophobe Adenoma
Spleen		Hemosiderosis
Thymus		Atrophy, Nos
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_168

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Liver		Fibrosis, Cholangio
	Bile Duct	Hyperplasia, Nos
		Hyperplasia, Nos
Mammary gland		Lactation
Pancreas		Periarteritis
Pituitary gland		Chromophobe Adenoma
Thymus		Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_169

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
		Hyperplasia, Nos
Mammary gland		Fibroadenoma
		Lactation
Spleen		Hemosiderosis
Thymus		Atrophy, Nos
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_170

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
		Hyperplasia, Nos
Mammary gland		Lactation
Thymus		Atrophy, Nos
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_171

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver	Bile Duct	Hyperplasia, Nos
		Hyperplasia, Nos
Mammary gland		Lactation
Thymus		Atrophy, Nos
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_172

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver	Bile Duct	Hyperplasia, Nos
		Hyperplasia, Nos
Lymph node	Cervical Lymph Node Nos	Hyperplasia, Lymphoid
Mammary gland		Adenocarcinoma, Nos
Pituitary gland		Cyst, Hemorrhagic
Thymus		Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_173

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Bone marrow
Intestine Small
Liver

Peyers Patch

Bile Duct

Mammary gland
Spleen
Unspecified

Multiple Organs Nos

Hyperplasia, Granulocytic
Hyperplasia, Lymphoid
Fibrosis, Cholangio
Hyperplasia, Nos
Hypertrophy, Nos
Metamorphosis, Fatty
Lactation
Congestion, Nos
Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_174

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
		Hyperplasia, Nos
Lymph node	Cervical Lymph Node Nos	Hyperplasia, Lymphoid
Mammary gland		Lactation
Pituitary gland		Chromophobe Adenoma
Uterus		Polyp, Inflammatory

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_176

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver	Bile Duct	Hyperplasia, Nos
		Hyperplasia, Nos
Mammary gland		Lactation
Ovary		Cyst, Follicular Nos
Pancreas	Acinus	Atrophy, Nos
Thymus		Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_177

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart

Myocardium Nos

Inflammation, Chronic

Liver

Bile Duct

Hyperplasia, Nos

Mammary gland

Hyperplasia, Nos

Lactation

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_178

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain		Atrophy, Pressure
Heart	Myocardium Nos	Inflammation, Chronic
Liver		Fibrosis, Cholangio
	Bile Duct	Hyperplasia, Nos
		Hyperplasia, Nos
Mammary gland		Cystadenoma, Nos
		Fibroadenoma
		Lactation
Pituitary gland		Chromophobe Adenoma
Uterus	Parovarian	Granuloma, Lipo

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_179

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
		Hyperplasia, Nos
Mammary gland		Fibroadenoma
		Lactation
Pituitary gland		Adenocarcinoma, Nos

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_180

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Mammary gland		Fibroadenoma
		Galactocele
Pituitary gland		Chromophobe Adenoma
Thyroid		C-Cell Adenoma
		Hyperplasia, C Cell
Unspecified	Axilla	Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_181

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Fibroadenoma
Liver	Bile Duct	Hyperplasia, Nos
		Hyperplasia, Nos
Mammary gland		Lactation
Pituitary gland		Chromophobe Adenoma
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_182

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Liver		Hyperplasia, Nos
Mammary gland		Fibroadenoma
		Lactation
Pituitary gland		Chromophobe Adenoma
Thymus		Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_183

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver	Bile Duct	Hyperplasia, Nos
		Hyperplasia, Nos
Mammary gland		Adenoma, Nos
		Lactation
Pituitary gland		Cyst, Nos
Unspecified		Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_184

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver	Bile Duct	Hyperplasia, Nos
		Neoplastic Nodule
Mammary gland		Lactation
Pituitary gland		Chromophobe Adenoma
Unspecified		Fibrosarcoma
Uterus		Polyp, Inflammatory

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_185

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver	Bile Duct	Hyperplasia, Nos
		Hyperplasia, Nos
Mammary gland		Lactation
Pituitary gland		Chromophobe Adenoma
Thymus		Atrophy, Nos
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_186

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Chronic
Liver		Fibrosis, Cholangio
	Bile Duct	Hyperplasia, Nos
		Hyperplasia, Nos
Mammary gland		Lactation
Pituitary gland		Cyst, Nos
Thymus		Atrophy, Nos
Uterus		Polyp, Inflammatory

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_187

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos Hyperplasia, Nos
Lymph node	Mesenteric Lymph Node	Atrophy, Nos
	Cervical Lymph Node Nos	Hyperplasia, Lymphoid
	Cervical Lymph Node Nos	Lymphangiectasis
Mammary gland		Galactocele
Ovary		Cyst, Follicular Nos
Pituitary gland		Chromophobe Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_188

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
		Hyperplasia, Nos
Mammary gland		Lactation
Pituitary gland		Cyst, Nos
Thymus		Atrophy, Nos
Uterus	Endometrium	Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_189

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Liver

Bile Duct

Angiectasis

Hyperplasia, Nos

Hyperplasia, Nos

Necrosis, Nos

Mammary gland

Lactation

Pituitary gland

Cyst, Nos

Spleen

Hematopoiesis

Thyroid

C-Cell Adenoma

Uterus

Polyp, Inflammatory

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_190

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain		Atrophy, Pressure
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
		Hyperplasia, Nos
Mammary gland		Fibroadenoma
		Galactocele
Pituitary gland		Chromophobe Adenoma
Thymus		Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_191

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Pituitary gland

Adenoma, Nos

Unspecified

Multiple Organs Nos

Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_192

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow
Kidney
Liver

Bile Duct

Kupffer Cell

Mesenteric Lymph Node

Lymph node
Mammary gland
Pituitary gland
Thyroid

Hyperplasia, Granulocytic
Inflammation, Chronic
Fibrosis, Cholangio
Hyperplasia, Nos
Hypertrophy, Nos
Metamorphosis, Fatty
Pigmentation, Nos
Atrophy, Nos
Lactation
Adenocarcinoma, Nos
C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_193

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart

Myocardium Nos

Inflammation, Chronic

Liver

Fibrosis, Cholangio

Bile Duct

Hyperplasia, Nos

Hyperplasia, Nos

Mammary gland

Lactation

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_194

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Unspecified

Multiple Organs Nos

Leukemia, Monocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_195

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
		Hyperplasia, Nos
		Neoplastic Nodule
Mammary gland		Fibroadenoma
		Lactation
Pituitary gland		Chromophobe Adenoma
Thymus		Atrophy, Nos
Uterus	Endometrium	Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_196

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Pituitary gland

Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_197

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
		Hyperplasia, Nos
Mammary gland		Lactation
Pituitary gland		Chromophobe Adenoma
Thymus		Atrophy, Nos
Unspecified		Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_198

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Liver

Mammary gland

Pituitary gland

Salivary gland

Spleen

Thymus

Myocardium Nos

Cortical Adenoma

Inflammation, Chronic

Hyperplasia, Nos

Metamorphosis, Fatty

Galactocele

Adenocarcinoma, Nos

Cystadenoma, Nos

Hemosiderosis

Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_199

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow

Hyperplasia, Granulocytic

Liver

Bile Duct

Hyperplasia, Nos

Hyperplasia, Nos

Hypertrophy, Nos

Metamorphosis, Fatty

Mammary gland

Lactation

Pituitary gland

Chromophobe Adenoma

Thymus

Atrophy, Nos

Unspecified

Multiple Organs Nos

Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_200

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow

Hyperplasia, Granulocytic

Liver

Metamorphosis, Fatty

Lymph node

Cervical Lymph Node Nos

Hyperplasia, Lymphoid

Mammary gland

Lactation

Pituitary gland

Cyst, Hemorrhagic

Unspecified

Multiple Organs Nos

Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_221

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow

Hyperplasia, Granulocytic

Heart

Myocardium Nos

Inflammation, Chronic

Liver

Bile Duct

Hyperplasia, Nos

Unspecified

Multiple Organs Nos

Hyperplasia, Nos

Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_222

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart

Myocardium Nos

Inflammation, Chronic

Liver

Bile Duct

Hyperplasia, Nos

Mammary gland

Hyperplasia, Nos

Pituitary gland

Lactation

Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_223

TRT#: 3

DOSE: 0

SEX: Female

DISP: Natural Death

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Liver

Mammary gland

Spleen

Thymus

Urinary bladder

Pyelonephritis, Acute

Hyperplasia, Nos

Lactation

Atrophy, Nos

Hemosiderosis

Atrophy, Nos

Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_224

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Intestine Large

Liver

Colon

Bile Duct

Hyperplasia, Lymphoid

Hyperplasia, Nos

Hyperplasia, Nos

Neoplastic Nodule

Lactation

Mammary gland

Pituitary gland

Adenoma, Nos

Cyst, Hemorrhagic

Thymus

Atrophy, Nos

Thyroid

Hyperplasia, C Cell

Uterus

Polyp, Inflammatory

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_225

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Pituitary gland

Unspecified

Uterus

Multiple Organs Nos

Adenoma, Nos

Leukemia, Monocytic

Polyp, Inflammatory

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_226

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Liver

Mammary gland

Spleen

Thymus

Myocardium Nos

Angiectasis

Inflammation, Chronic

Hyperplasia, Nos

Lactation

Hemosiderosis

Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_227

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Liver	Hyperplasia, Nos
Lung	Alveolar/Bronchiolar Adenoma
Mammary gland	Lactation
Pancreas	Periarteritis
Pituitary gland	Chromophobe Adenoma
Spleen	Cyst, Hemorrhagic
Thymus	Hemosiderosis
Uterus	Atrophy, Nos
	Polyp, Inflammatory

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_228

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Colon

Hyperplasia, Lymphoid

Liver

Bile Duct

Hyperplasia, Nos

Hyperplasia, Nos

Mammary gland

Lactation

Pituitary gland

Adenoma, Nos

Cyst, Hemorrhagic

Cyst, Nos

Thymus

Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_229

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Liver

Bile Duct

Mammary gland

Pituitary gland

Thymus

Uterus

Angiectasis

Hyperplasia, Nos

Hyperplasia, Nos

Lactation

Chromophobe Adenoma

Atrophy, Nos

Polyp, Inflammatory

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_230

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver	Bile Duct	Hyperplasia, Nos
		Hyperplasia, Nos
Mammary gland		Lactation
Pituitary gland		Chromophobe Adenoma
		Cyst, Nos
Skin	Tail	Basal-Cell Carcinoma
Spleen		Hemosiderosis
Thymus		Atrophy, Nos
Thyroid		Hyperplasia, C Cell
Uterus		Polyp, Inflammatory

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_231

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Granulocytic
Liver	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Lymph node	Cervical Lymph Node Nos	Atrophy, Nos
	Cervical Lymph Node Nos	Hemorrhage
Mammary gland		Galactocele
Pituitary gland		Chromophobe Adenoma
Thymus		Atrophy, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_232

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
		Hyperplasia, Nos
Mammary gland		Lactation
Ovary		Cyst, Follicular Nos
Pituitary gland		Cyst, Nos
Thyroid		Cystadenoma, Nos
Uterus		Polyp, Inflammatory

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_233

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Liver		Neoplastic Nodule
Lymph node	Lumbar Lymph Node	Erythrophagocytosis
	Renal Lymph Node	Erythrophagocytosis
	Renal Lymph Node	Hemosiderosis
Mammary gland		Fibroadenoma
		Lactation
Thymus		Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_234

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver

Bile Duct

Hyperplasia, Nos

Hyperplasia, Nos

Mammary gland

Lactation

Thymus

Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_235

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
		Hyperplasia, Nos
Mammary gland		Lactation
Pituitary gland		Chromophobe Adenoma
Spleen		Hemosiderosis
Thymus		Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_236

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
		Hyperplasia, Nos
Mammary gland		Lactation
Pituitary gland		Cyst, Hemorrhagic
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_237

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Liver

Bile Duct

Mammary gland

Spleen

Stomach

Thymus

Thyroid

Angiectasis

Hyperplasia, Nos

Hyperplasia, Nos

Lactation

Hemosiderosis

Cyst, Nos

Atrophy, Nos

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03612

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phthalamide

CAS Number: 88-96-0

Date Report Requested: 10/26/2014

Time Report Requested: 16:37:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_238

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
		Hyperplasia, Nos
Mammary gland		Fibroadenoma
		Lactation
Pituitary gland		Cyst, Nos
Thymus		Atrophy, Nos
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

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DAY ON TEST:

DOSE: 0

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HISTO:

OBSERVATIONS

Liver	Bile Duct	Hyperplasia, Nos
		Hyperplasia, Nos
	Bile Duct	Inflammation, Chronic
Lymph node	Mesenteric Lymph Node	Lymphoma, Histiocytic-Malignant Type
Mammary gland		Lactation
Pituitary gland		Cyst, Nos
Thymus		Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

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HISTO:

OBSERVATIONS

Adrenal gland

Heart

Liver

Mammary gland

Pituitary gland

Stomach

Thymus

Unspecified

Uterus

Myocardium Nos

Bile Duct

Multiple Organs Nos

Angiectasis

Inflammation, Chronic

Hyperplasia, Nos

Hyperplasia, Nos

Fibroadenoma

Lactation

Cyst, Nos

Inflammation, Acute

Atrophy, Nos

Lymphoma, Nos-Malignant

Polyp, Inflammatory

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****