

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:32

First Dose M/F: NA / NA

Lab: NA

C Number: C02915

Cage Range: All

Date Range: All

Reasons For Removal: All

Removal Date Range: All

Treatment Groups: All

Study Gender: Female

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:32

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_001

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
Clitoral gland		Inflammation, Acute/Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Atrophy, Nos
	Interstitialium	Fibrosis, Multifocal
	Pelvis	Hyperplasia, Epithelial
	Tubule	Inflammation, Acute Suppurative
		Inflammation, Chronic Focal
		Nephropathy
		Nephrosis, Hydro
Liver		Cytoplasmic Change, Basophilic
Lymph node	Renal Lymph Node	Edema, Nos
Thymus		Depletion, Lymphoid
Thyroid		Hyperplasia, C Cell
Unspecified	Leg	Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:32

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_002

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Brain		Atrophy, Pressure
Clitoral gland		Inflammation, Acute/Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Atrophy, Nos
	Interstitialium	Fibrosis, Multifocal
	Pelvis	Hyperplasia, Epithelial
	Tubule	Inflammation, Acute Suppurative
		Inflammation, Chronic Focal
		Mineralization
	Papilla	Necrosis, Nos
		Nephropathy
		Nephrosis, Hydro
Liver		Cytoplasmic Change, Basophilic
Mammary gland		Hyperplasia, Cystic
Nasal cavity	Turbinates Nos	Inflammation, Acute/Chronic
Ovary		Cyst, Follicular Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Nos
Thymus		Depletion, Lymphoid
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:32

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_003

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland		Inflammation, Acute/Chronic
Kidney	Pelvis	Calculus, Microscopic Examination
	Interstitialium	Fibrosis, Multifocal
	Pelvis	Hyperplasia, Epithelial
		Inflammation, Chronic Focal
	Papilla	Mineralization
		Necrosis, Nos
		Nephropathy
		Nephrosis, Hydro
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Mammary gland		Fibroadenoma
Nasal cavity	Turbinate Nos	Inflammation, Acute/Chronic
Pituitary gland	Anterior Pituitary	Cyst, Multiple
	Anterior Pituitary	Hyperplasia, Nos
Thymus		Depletion, Lymphoid
Thyroid		Hyperplasia, C Cell
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:32

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_004

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
	Medulla	Hyperplasia, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Atrophy, Nos
	Interstitium	Fibrosis, Multifocal
	Pelvis	Hyperplasia, Epithelial
	Tubule	Inflammation, Acute Suppurative
		Inflammation, Chronic Focal
	Papilla	Necrosis, Nos
		Nephropathy
Liver		Nephrosis, Hydro
		Clear-Cell Change
		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Cystic
Nasal cavity	Turbinates Nos	Inflammation, Acute/Chronic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thymus		Depletion, Lymphoid
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:32

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_005

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Clitoral gland		Adenoma, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Atrophy, Nos
	Interstitial	Fibrosis, Multifocal
	Pelvis	Hyperplasia, Epithelial
	Tubule	Inflammation, Acute Suppurative
		Inflammation, Chronic Focal
		Nephropathy
		Nephrosis, Hydro
Liver		Cytoplasmic Change, Basophilic
		Degeneration, Cystic
Pancreas	Acinus	Atrophy, Focal
Thymus		Depletion, Lymphoid
Thyroid		Hyperplasia, C Cell
Uterus		Dilatation, Nos
		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:32

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_006

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Esophagus	Periesophageal Tissue	Inflammation, Chronic Focal
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Cyst, Nos
	Interstitium	Fibrosis, Multifocal
	Pelvis	Hyperplasia, Epithelial
	Tubule	Inflammation, Acute Suppurative
		Inflammation, Chronic Focal
		Mineralization
	Papilla	Necrosis, Nos
		Nephropathy
		Nephrosis, Hydro
Liver		Cytoplasmic Change, Basophilic
Lymph node	Mandibular Lymph Node	Inflammation, Acute Focal
Mammary gland		Hyperplasia, Cystic
Nasal cavity		Foreign Body, Nos
	Turbinate Nos	Inflammation, Acute Suppurative
Pituitary gland	Anterior Pituitary	Cyst, Multiple
Thymus		Depletion, Lymphoid
Thyroid		C-Cell Adenoma
		Follicular-Cell Carcinoma
		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:32

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_007

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Nos

Medulla

Hyperplasia, Nos

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Pelvis

Hyperplasia, Epithelial

Inflammation, Chronic Focal

Mineralization

Papilla

Necrosis, Nos

Nephropathy

Nephrosis, Hydro

Liver

Cytoplasmic Change, Basophilic

Nasal cavity

Turbinate Nos

Inflammation, Acute/Chronic

Pituitary gland

Anterior Pituitary

Hyperplasia, Nos

Thymus

Depletion, Lymphoid

Thyroid

Hyperplasia, C Cell

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:32

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_008

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Atrophy, Nos
	Pelvis	Calculus, Microscopic Examination
	Interstitialium	Fibrosis, Multifocal
	Pelvis	Hyperplasia, Epithelial
		Inflammation, Chronic Focal
		Mineralization
		Nephropathy
		Nephrosis, Hydro
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
Lung		Alveolar/Bronchiolar Adenoma
Mammary gland		Hyperplasia, Cystic
Nasal cavity	Turbinates Nos	Inflammation, Acute/Chronic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thymus		Depletion, Lymphoid
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:32

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_009

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland		Inflammation, Acute/Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Pelvis	Calculus, Microscopic Examination
	Interstitium	Fibrosis, Multifocal
	Pelvis	Hyperplasia, Epithelial
		Inflammation, Chronic Focal
		Mineralization
	Papilla	Necrosis, Nos
		Nephropathy
		Nephrosis, Hydro
Liver		Cytoplasmic Change, Basophilic
Mammary gland		Hyperplasia, Cystic
Parathyroid gland		Hyperplasia, Nos
Thymus		Depletion, Lymphoid
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:32

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_010

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Clitoral gland

Cortex Nos

Hyperplasia, Nos
Acanthosis
Hyperkeratosis

Heart
Kidney

Myocardium Nos
Interstitial
Pelvis

Degeneration, Nos
Fibrosis, Multifocal
Hyperplasia, Epithelial
Inflammation, Chronic Focal
Mineralization
Nephropathy
Nephrosis, Hydro

Liver
Mammary gland
Pancreas
Unspecified
Uterus

Bile Duct

Acinus
Multiple Organs Nos
Endometrial Gland

Hyperplasia, Nos
Hyperplasia, Cystic
Atrophy, Focal
Leukemia, Mononuclear Cell
Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:32

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_011

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Atrophy, Nos
	Interstitial	Fibrosis, Multifocal
	Pelvis	Hyperplasia, Epithelial
		Inflammation, Chronic Focal
		Nephropathy
		Nephrosis, Hydro
Liver		Cytoplasmic Change, Basophilic
Spleen	Follicles	Depletion, Lymphoid
	Red Pulp	Hemosiderosis
Thymus		Depletion, Lymphoid

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:32

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_012

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland

Heart

Kidney

Myocardium Nos

Interstitialium

Pelvis

Tubule

Inflammation, Acute/Chronic

Degeneration, Nos

Atrophy, Nos

Fibrosis, Multifocal

Hyperplasia, Epithelial

Inflammation, Acute Suppurative

Inflammation, Chronic Focal

Nephropathy

Nephrosis, Hydro

Cytoplasmic Change, Basophilic

Hyperplasia, Cystic

Depletion, Lymphoid

Hyperplasia, Cystic

Liver

Mammary gland

Thymus

Uterus

Endometrial Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:32

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_013

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney	Interstitialium	Fibrosis, Multifocal
	Pelvis	Hyperplasia, Epithelial
		Inflammation, Chronic Focal
		Mineralization
		Nephropathy
Liver		Cytoplasmic Change, Basophilic
Lung		Alveolar/Bronchiolar Adenoma
Mammary gland		Hyperplasia, Cystic
Nasal cavity	Turbinate Nos	Inflammation, Acute/Chronic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thymus		Depletion, Lymphoid
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:32

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_014

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Nos

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Pelvis

Calculus, Microscopic Examination

Pelvis

Hyperplasia, Epithelial

Tubule

Inflammation, Acute Suppurative

Nephropathy

Nephrosis, Hydro

Liver

Cytoplasmic Change, Basophilic

Mammary gland

Hyperplasia, Cystic

Pituitary gland

Anterior Pituitary

Hyperplasia, Nos

Thyroid

Hyperplasia, C Cell

Uterus

Endometrial Gland

Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:32

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_015

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney

Cortex Nos
Myocardium Nos

Hyperplasia, Nos
Degeneration, Nos
Atrophy, Nos
Fibrosis, Multifocal
Hyperplasia, Epithelial
Inflammation, Acute Suppurative
Inflammation, Chronic Focal
Nephropathy
Nephrosis, Hydro
Cytoplasmic Change, Basophilic
Hyperplasia, Cystic
Cyst, Parovarian
Cyst, Multiple
Depletion, Lymphoid
Hyperplasia, C Cell

Interstitialium
Pelvis
Tubule

Liver
Mammary gland
Ovary
Pituitary gland
Thymus
Thyroid

Anterior Pituitary

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:32

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_016

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland		Inflammation, Acute/Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Cyst, Nos
	Interstitialium	Fibrosis, Multifocal
	Pelvis	Hyperplasia, Epithelial
	Tubule	Inflammation, Acute Suppurative
		Inflammation, Chronic Focal
		Nephropathy
		Nephrosis, Hydro
Liver		Cytoplasmic Change, Basophilic
Mammary gland		Hyperplasia, Cystic
Thymus		Depletion, Lymphoid
Thyroid		Hyperplasia, C Cell
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:32

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_017

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney	Pelvis	Calculus, Microscopic Examination Cyst, Nos
	Interstitial	Fibrosis, Multifocal
	Pelvis	Hyperplasia, Epithelial
	Tubule	Inflammation, Acute Suppurative Inflammation, Chronic Focal Nephropathy Nephrosis, Hydro
Liver		Cytoplasmic Change, Basophilic
Lung		Hyperplasia, Epithelial
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Nos
	Anterior Pituitary	Hyperplasia, Nos
Thymus		Depletion, Lymphoid
Thyroid		Hyperplasia, C Cell
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:32

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_018

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney	Pelvis	Calculus, Microscopic Examination
	Interstitialium	Fibrosis, Multifocal
	Pelvis	Hyperplasia, Epithelial
		Inflammation, Chronic Focal
		Nephropathy
Liver		Nephrosis, Hydro
	Bile Duct	Cytoplasmic Change, Basophilic
Thymus		Hyperplasia, Nos
Thyroid		Depletion, Lymphoid
		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:32

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_019

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland		Inflammation, Acute/Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Interstitialium	Fibrosis, Multifocal
	Pelvis	Hyperplasia, Epithelial
	Tubule	Inflammation, Acute Suppurative
		Inflammation, Chronic Focal
		Nephropathy
		Nephrosis, Hydro
Liver		Cytoplasmic Change, Basophilic
		Hernia, Nos
	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Cystic
Ovary		Cyst, Parovarian
Pituitary gland	Anterior Pituitary	Cyst, Multiple
Thymus		Depletion, Lymphoid
Thyroid		Hyperplasia, C Cell
Uterus		Dilatation, Nos
		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:32

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_020

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hypertrophy, Focal

Clitoral gland

Inflammation, Acute/Chronic

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Interstitial

Fibrosis, Multifocal

Pelvis

Hyperplasia, Epithelial

Inflammation, Chronic Focal

Nephropathy

Nephrosis, Hydro

Liver

Cytoplasmic Change, Basophilic

Mammary gland

Hyperplasia, Cystic

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Thymus

Anterior Pituitary

Cyst, Multiple

Thyroid

Depletion, Lymphoid

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:32

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_021

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Clitoral gland		Inflammation, Acute/Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Atrophy, Nos
	Interstitial	Fibrosis, Multifocal
	Pelvis	Hyperplasia, Epithelial
		Inflammation, Chronic Focal
		Mineralization
		Nephropathy
		Nephrosis, Hydro
Liver		Cytoplasmic Change, Basophilic
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Cyst, Nos
	Anterior Pituitary	Hyperplasia, Nos
Thymus		Depletion, Lymphoid
Thyroid		Hyperplasia, C Cell
Uterus		Dilatation, Nos
	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_022

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney

Cortex Nos
Myocardium Nos

Metamorphosis, Fatty
Degeneration, Nos
Atrophy, Nos
Cyst, Nos

Interstitialium
Pelvis
Tubule

Fibrosis, Multifocal
Hyperplasia, Epithelial
Inflammation, Acute Suppurative
Inflammation, Chronic Focal
Mineralization
Nephropathy
Nephrosis, Hydro

Liver

Clear-Cell Change
Cytoplasmic Change, Basophilic

Bile Duct

Hyperplasia, Nos
Hyperplasia, Cystic

Mammary gland
Nasal cavity
Pituitary gland
Thymus
Thyroid

Turbinates Nos
Anterior Pituitary

Inflammation, Acute/Chronic
Adenoma, Nos
Depletion, Lymphoid
Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_023

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Clitoral gland		Inflammation, Acute/Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Interstitialium	Fibrosis, Multifocal
	Pelvis	Hyperplasia, Epithelial
	Tubule	Inflammation, Acute Suppurative
		Inflammation, Chronic Focal
		Mineralization
		Nephropathy
		Nephrosis, Hydro
Liver		Cytoplasmic Change, Basophilic
Ovary		Cyst, Follicular Nos
		Cyst, Parovarian
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Cyst, Multiple
	Anterior Pituitary	Hyperplasia, Nos
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_024

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Esophagus		Inflammation, Acute Necrotizing
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Interstitialium	Fibrosis, Multifocal
	Pelvis	Hyperplasia, Epithelial
		Inflammation, Chronic Focal
	Papilla	Necrosis, Nos
		Nephropathy
		Nephrosis, Hydro
Liver		Cytoplasmic Change, Basophilic
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Spleen	Follicles	Depletion, Lymphoid
	Red Pulp	Hemosiderosis
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_025

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Kidney

Medulla

Hyperplasia, Nos

Atrophy, Nos

Interstitialium

Fibrosis, Multifocal

Pelvis

Hyperplasia, Epithelial

Tubule

Inflammation, Acute Suppurative

Inflammation, Chronic Focal

Nephropathy

Nephrosis, Hydro

Mammary gland

Hyperplasia, Cystic

Pituitary gland

Anterior Pituitary

Cyst, Multiple

Anterior Pituitary

Hyperplasia, Nos

Thyroid

Hyperplasia, C Cell

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_026

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Focal
	Cortex Nos	Hyperplasia, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Atrophy, Nos
	Interstitium	Fibrosis, Multifocal
	Pelvis	Hyperplasia, Epithelial
		Inflammation, Chronic Focal
		Nephropathy
		Nephrosis, Hydro
Liver		Cytoplasmic Change, Basophilic
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Multiple
Salivary gland		Focal Cellular Change
Thymus		Depletion, Lymphoid
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_027

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland

Heart

Kidney

Myocardium Nos

Interstitialium

Pelvis

Inflammation, Acute/Chronic

Degeneration, Nos

Atrophy, Nos

Fibrosis, Multifocal

Hyperplasia, Epithelial

Inflammation, Chronic Focal

Nephropathy

Nephrosis, Hydro

Cytoplasmic Change, Basophilic

Hyperplasia, Cystic

Depletion, Lymphoid

Hyperplasia, C Cell

Dilatation, Nos

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_028

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Clitoral gland		Inflammation, Acute/Chronic
Kidney		Atrophy, Nos
	Interstitialium	Fibrosis, Multifocal
	Pelvis	Hyperplasia, Epithelial
		Inflammation, Chronic Focal
		Mineralization
		Nephropathy
		Nephrosis, Hydro
Liver		Cytoplasmic Change, Basophilic
Lung		Hyperplasia, Epithelial
Mammary gland		Hyperplasia, Cystic
Nasal cavity	Turbinates Nos	Inflammation, Acute/Chronic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thymus		Depletion, Lymphoid
Thyroid		Hyperplasia, C Cell
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_029

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Large
Kidney

Cortex Nos
Myocardium Nos
Colon

Hyperplasia, Nos
Degeneration, Nos
Parasitism
Atrophy, Nos
Fibrosis, Multifocal
Hyperplasia, Epithelial
Inflammation, Acute Suppurative
Inflammation, Chronic Focal
Nephropathy
Nephrosis, Hydro
Cytoplasmic Change, Basophilic
Hernia, Nos
Hyperplasia, Cystic
Inflammation, Acute/Chronic
Depletion, Lymphoid
Hyperplasia, C Cell
Hyperplasia, Cystic

Interstitialium
Pelvis
Tubule

Liver

Mammary gland
Nasal cavity
Thymus
Thyroid
Uterus

Turbinate Nos

Endometrial Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_030

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
	Cortex Nos	Hypertrophy, Focal
Bone marrow		Fibrosis, Myelo
Clitoral gland		Inflammation, Acute/Chronic
Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Cecum, Colon	Edema, Nos
	Cecum, Colon	Inflammation, Chronic Focal
	Cecum, Colon	Mineralization
Kidney		Atrophy, Nos
	Interstitial	Fibrosis, Multifocal
	Pelvis	Hyperplasia, Epithelial
		Inflammation, Chronic Focal
		Mineralization
		Nephropathy
		Nephrosis, Hydro
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Chronic
Mammary gland		Hyperplasia, Cystic
Nasal cavity	Turbinate Nos	Inflammation, Acute/Chronic
Parathyroid gland		Hyperplasia, Diffuse
		Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Mineralization
Spleen	Red Pulp	Hemosiderosis
Thymus		Depletion, Lymphoid

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_031

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Atrophy, Nos
	Interstitial	Fibrosis, Multifocal
	Pelvis	Hyperplasia, Epithelial
	Tubule	Inflammation, Acute Suppurative
		Inflammation, Chronic Focal
		Nephropathy
		Nephrosis, Hydro
Liver		Cytoplasmic Change, Basophilic
Lung		Hyperplasia, Epithelial
Mammary gland		Fibroadenoma
		Hyperplasia, Cystic
Thymus		Depletion, Lymphoid
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_032

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney	Pelvis	Calculus, Microscopic Examination
	Interstitialium	Fibrosis, Multifocal
	Pelvis	Hyperplasia, Epithelial
	Tubule	Inflammation, Acute Suppurative
	Pelvis	Inflammation, Chronic Focal
		Mineralization
		Nephropathy
		Nephrosis, Hydro
Liver		Cytoplasmic Change, Basophilic
Mammary gland		Hyperplasia, Cystic
Ovary		Cyst, Parovarian
Pancreas	Acinus	Atrophy, Focal
Parathyroid gland		Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Cyst, Multiple
Thymus		Depletion, Lymphoid
Thyroid		Hyperplasia, C Cell
Uterus		Dilatation, Nos
	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_033

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney

Cortex Nos
Myocardium Nos

Hyperplasia, Nos
Degeneration, Nos
Atrophy, Nos
Calculus, Microscopic Examination
Fibrosis, Multifocal
Hyperplasia, Epithelial
Inflammation, Acute Suppurative
Inflammation, Chronic Focal
Nephropathy
Nephrosis, Hydro
Cytoplasmic Change, Basophilic
Hyperplasia, Cystic
Cyst, Nos
Hyperplasia, C Cell

Liver
Mammary gland
Pituitary gland
Thyroid

Anterior Pituitary

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_034

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney

Cortex Nos
Myocardium Nos
Pelvis

Hypertrophy, Focal
Degeneration, Nos
Hyperplasia, Epithelial
Mineralization
Nephropathy
Nephrosis, Hydro
Cytoplasmic Change, Basophilic
Hyperplasia, Cystic
Inflammation, Acute/Chronic
Cyst, Multiple
Hyperplasia, Nos
Depletion, Lymphoid
Hyperplasia, C Cell
Leukemia, Mononuclear Cell

Liver
Mammary gland
Nasal cavity
Pituitary gland

Thymus
Thyroid
Unspecified

Turbinate Nos
Anterior Pituitary
Anterior Pituitary

Multiple Organs Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_035

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Nos

Clitoral gland

Inflammation, Acute/Chronic

Kidney

Interstitialium

Fibrosis, Multifocal

Pelvis

Hyperplasia, Epithelial

Hyperplasia, Tubular Cell

Tubule

Inflammation, Acute Suppurative

Inflammation, Chronic Focal

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Mammary gland

Hyperplasia, Cystic

Thymus

Depletion, Lymphoid

Thyroid

Hyperplasia, C Cell

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_036

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Clitoral gland		Inflammation, Acute/Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Interstitialium	Fibrosis, Multifocal
	Pelvis	Hyperplasia, Epithelial
	Tubule	Inflammation, Acute Suppurative
		Inflammation, Chronic Focal
		Nephropathy
		Nephrosis, Hydro
Liver		Cytoplasmic Change, Basophilic
		Degeneration, Cystic
	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Cystic
Nasal cavity	Turbinates Nos	Inflammation, Acute/Chronic
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Thymus		Depletion, Lymphoid
Thyroid		Cyst, Follicular Nos
		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_037

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Nos

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Interstitial

Fibrosis, Multifocal

Pelvis

Hyperplasia, Epithelial

Nephropathy

Nephrosis, Hydro

Liver

Cytoplasmic Change, Basophilic

Mammary gland

Hyperplasia, Cystic

Thyroid

Hyperplasia, C Cell

Unspecified

Multiple Organs Nos

Fibrous Histiocytoma, Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_038

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Blood vessel	Sup.Panc-Duod.Artery	Inflammation, Chronic
Clitoral gland		Inflammation, Acute/Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Pelvis	Calculus, Microscopic Examination
	Pelvis	Hyperplasia, Epithelial
		Mineralization
	Papilla	Necrosis, Nos
		Nephropathy
		Nephrosis, Hydro
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Focal
Thymus		Depletion, Lymphoid
Uterus		Dilatation, Nos
		Endometrial Stromal Polyp
	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_039

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hypertrophy, Focal
Clitoral gland		Inflammation, Acute/Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Pelvis	Calculus, Microscopic Examination
	Pelvis	Hyperplasia, Epithelial
	Tubule	Inflammation, Acute Suppurative
		Mineralization
		Nephropathy
		Nephrosis, Hydro
Liver		Cytoplasmic Change, Basophilic
Mammary gland		Hyperplasia, Cystic
Nasal cavity	Turbinates Nos	Inflammation, Acute/Chronic
Thyroid		Hyperplasia, C Cell
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_040

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney	Pelvis	Hyperplasia, Epithelial Mineralization Nephropathy
Mammary gland		Hyperplasia, Cystic
Ovary		Cyst, Follicular Nos
Pancreas	Acinus	Atrophy, Focal
Spleen	Follicles	Depletion, Lymphoid
	Red Pulp	Hemosiderosis
Stomach	Glandular Stomach	Necrosis, Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_041

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland

Heart

Kidney

Myocardium Nos

Interstitial

Pelvis

Inflammation, Acute/Chronic

Degeneration, Nos

Fibrosis, Multifocal

Hyperplasia, Epithelial

Inflammation, Chronic Focal

Nephropathy

Nephrosis, Hydro

Hyperplasia, Cystic

Mammary gland

Stomach

Thyroid

Unspecified

Uterus

Glandular Stomach

Multiple Organs Nos

Necrosis, Focal

Hyperplasia, C Cell

Leukemia, Mononuclear Cell

Endometrial Stromal Polyp

Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_042

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney

Cortex Nos
Myocardium Nos
Pelvis
Tubule

Hyperplasia, Nos
Degeneration, Nos
Hyperplasia, Epithelial
Inflammation, Acute Suppurative
Inflammation, Chronic Focal

Papilla

Mineralization
Necrosis, Nos
Nephropathy
Nephrosis, Hydro
Cytoplasmic Change, Basophilic

Liver
Mammary gland
Nasal cavity
Pituitary gland

Turbinates Nos
Anterior Pituitary
Anterior Pituitary

Hyperplasia, Cystic
Inflammation, Acute/Chronic
Cyst, Multiple
Hyperplasia, Nos
Hyperplasia, C Cell

Thyroid

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_043

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Hyperplasia, Nos Hyperplasia, Nos
Clitoral gland		Inflammation, Acute/Chronic
Eye	Crystalline Lens Anterior Chamber	Cataract Sarcoma, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Atrophy, Nos
	Interstitium	Fibrosis, Multifocal
	Pelvis	Hyperplasia, Epithelial Inflammation, Chronic Focal Nephropathy Nephrosis, Hydro
Liver		Cytoplasmic Change, Basophilic
Lung		Alveolar/Bronchiolar Adenoma
Mammary gland		Hyperplasia, Cystic
Nasal cavity	Turbinates Nos	Inflammation, Acute/Chronic
Pituitary gland	Anterior Pituitary Anterior Pituitary	Cyst, Nos Hyperplasia, Nos
Thymus		Depletion, Lymphoid
Thyroid		Hyperplasia, C Cell
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_044

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Bone	Femur	Hyperostosis
Clitoral gland		Inflammation, Acute/Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Atrophy, Nos
	Pelvis	Calculus, Microscopic Examination
	Interstitium	Fibrosis, Multifocal
	Pelvis	Hyperplasia, Epithelial
		Inflammation, Chronic Focal
		Mineralization
		Nephropathy
		Nephrosis, Hydro
Liver		Cytoplasmic Change, Basophilic
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Thymus		Depletion, Lymphoid
Thyroid		Hyperplasia, C Cell
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_045

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hypertrophy, Focal
Brain		Atrophy, Pressure
Clitoral gland		Adenoma, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Interstitialium	Fibrosis, Multifocal
	Pelvis	Hyperplasia, Epithelial
		Inflammation, Chronic Focal
		Mineralization
		Nephropathy
		Nephrosis, Hydro
Liver		Cytoplasmic Change, Basophilic
Lymph node	Mesenteric Lymph Node	Inflammation, Chronic Diffuse
Mammary gland		Fibroadenoma
		Hyperplasia, Cystic
Ovary		Cyst, Follicular Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thymus		Depletion, Lymphoid
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_046

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney

Cortex Nos
Myocardium Nos
Interstitialium

Hyperplasia, Nos
Degeneration, Nos
Fibrosis, Multifocal
Inflammation, Chronic Focal
Nephropathy
Nephrosis, Hydro
Cytoplasmic Change, Basophilic
Inflammation, Acute/Chronic
Fibroadenoma
Hyperplasia, Cystic
Adenoma, Nos
Depletion, Lymphoid
Hyperplasia, C Cell

Liver

Mammary gland

Pituitary gland
Thymus
Thyroid

Anterior Pituitary

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_047

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
	Medulla	Hyperplasia, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Atrophy, Nos
	Interstitium	Fibrosis, Multifocal
	Pelvis	Hyperplasia, Epithelial
	Tubule	Inflammation, Acute Suppurative
		Inflammation, Chronic Focal
		Mineralization
		Nephropathy
		Nephrosis, Hydro
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Cystic
Ovary		Cyst, Follicular Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Multiple
Thyroid		Hyperplasia, C Cell
Uterus		Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_048

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Clitoral gland		Inflammation, Acute/Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Interstitialium	Fibrosis, Multifocal
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
Liver		Nephrosis, Hydro
Mammary gland		Cytoplasmic Change, Basophilic
Pituitary gland	Anterior Pituitary	Hyperplasia, Cystic
Thymus		Adenoma, Nos
Thyroid		Depletion, Lymphoid
		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_049

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Nos

Bone marrow

Fibrosis, Myelo

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Interstitial

Fibrosis, Multifocal

Pelvis

Hyperplasia, Epithelial

Pelvis

Inflammation, Chronic Focal

Nephropathy

Nephrosis, Hydro

Liver

Cytoplasmic Change, Basophilic

Thymus

Depletion, Lymphoid

Thyroid

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_050

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Atrophy, Nos
	Interstitial	Fibrosis, Multifocal
	Pelvis	Hyperplasia, Epithelial
		Inflammation, Chronic Focal
		Mineralization
		Nephropathy
		Nephrosis, Hydro
Liver		Cytoplasmic Change, Basophilic
Mammary gland		Fibroadenoma
		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Cyst, Multiple
	Anterior Pituitary	Hyperplasia, Nos
Thymus		Depletion, Lymphoid
Thyroid		Hyperplasia, C Cell
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_001

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney

Mineralization

Liver

Nephropathy

Ovary

Bile Duct

Pituitary gland

Thyroid

Cytoplasmic Change, Basophilic

Hyperplasia, Nos

Cyst, Parovarian

Adenoma, Nos

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_002

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic Focal

Liver

Nephropathy

Mammary gland

Cytoplasmic Change, Basophilic

Fibroadenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_003

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney

Pelvis

Calculus, Microscopic Examination

Liver

Pelvis

Hyperplasia, Epithelial

Thyroid

Inflammation, Chronic Focal

Mineralization

Nephropathy

Cytoplasmic Change, Basophilic

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_004

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney

Pelvis

Atrophy, Nos

Calculus, Microscopic Examination

Pelvis

Hyperplasia, Epithelial

Tubule

Inflammation, Acute Suppurative

Inflammation, Chronic Focal

Nephropathy

Nephrosis, Hydro

Pyelonephritis, Acute

Liver

Cytoplasmic Change, Basophilic

Thyroid

Hernia, Nos

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_005

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney

Liver

Thyroid

Nephropathy

Cytoplasmic Change, Basophilic

Inflammation, Acute/Chronic

C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_006

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney	Pelvis	Calculus, Microscopic Examination Mineralization Nephropathy
Liver		Cytoplasmic Change, Basophilic Degeneration, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thyroid		C-Cell Adenoma Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_007

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Intestine Small
Kidney

Jejunum
Pelvis
Pelvis
Tubule

Adenomatous Polyp, Nos
Calculus, Microscopic Examination
Hyperplasia, Epithelial
Inflammation, Acute Suppurative
Mineralization
Nephropathy
Cytoplasmic Change, Basophilic
Cyst, Follicular Nos
Cyst, Nos
Follicular-Cell Adenoma
Hyperplasia, C Cell

Liver
Ovary
Pituitary gland
Thyroid

Anterior Pituitary

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_008

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Thyroid

Inflammation, Acute/Chronic

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_009

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Intestine Small
Kidney
Liver

Jejunum

Diverticulum
Nephropathy
Cytoplasmic Change, Basophilic
Inflammation, Acute/Chronic

Pituitary gland
Thyroid
Uterus

Anterior Pituitary

Adenoma, Nos
Hyperplasia, C Cell
Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_010

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Anterior Pituitary

Cyst, Multiple

Thyroid

C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_011

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney

Mineralization

Liver

Nephropathy

Cytoplasmic Change, Basophilic

Thyroid

Bile Duct

Hernia, Nos

Hyperplasia, Nos

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_012

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney	Pelvis	Calculus, Microscopic Examination Nephropathy
Liver		Clear-Cell Change Cytoplasmic Change, Basophilic Hematopoiesis
Pituitary gland	Pars Intermedia Colloid Anterior Pituitary	Adenoma, Nos Cyst, Multiple
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_013

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney	Pelvis	Calculus, Microscopic Examination
	Pelvis	Hyperplasia, Epithelial
		Mineralization
Liver		Nephropathy
		Cytoplasmic Change, Basophilic
Pituitary gland	Anterior Pituitary	Necrosis, Nos
Thyroid		Adenoma, Nos
		Cyst, Follicular Nos
		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_014

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney

Pelvis

Hyperplasia, Epithelial

Tubule

Inflammation, Acute Suppurative

Medulla

Mineralization

Papilla

Necrosis, Nos

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Pituitary gland

Intermedia

Adenoma, Nos

Thyroid

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_015

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Parathyroid gland

Hyperplasia, Nos

Thyroid

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_016

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Bile Duct

Hyperplasia, Nos

Thyroid

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_017

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain		Atrophy, Pressure
Heart	Myocardium Nos	Degeneration, Nos
Liver		Cytoplasmic Change, Basophilic
		Hyperplasia, Focal
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_018

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Thyroid

Inflammation, Acute/Chronic

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_019

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic Focal
Nephropathy

Liver

Cytoplasmic Change, Basophilic
Inflammation, Acute/Chronic

Pancreas

Islets

Islet-Cell Adenoma

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Thyroid

C-Cell Adenoma

Uterus

Endometrial Gland

Hyperplasia, C Cell

Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_020

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Intestine Large
Kidney

Colon

Fibrosarcoma

Mineralization

Nephropathy

Liver

Angiectasis

Cytoplasmic Change, Basophilic

Inflammation, Acute/Chronic

Thyroid

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_021

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Kidney

Medulla
Pelvis

Pheochromocytoma
Hyperplasia, Epithelial
Mineralization
Nephropathy
Clear-Cell Change
Cytoplasmic Change, Basophilic
Cyst, Multiple
Hyperplasia, Nos
Hyperplasia, C Cell
Endometrial Stromal Polyp

Liver

Pituitary gland

Anterior Pituitary
Anterior Pituitary

Thyroid
Uterus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_022

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Thyroid

Hyperplasia, C Cell

Uterus

Cervix Uteri

Diverticulum

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_023

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Bone marrow		Hyperplasia, Reticulum Cell
Heart	Myocardium Nos	Degeneration, Nos
Liver		Cytoplasmic Change, Basophilic
Mammary gland		Fibroadenoma
Nasal cavity	Turbinate Nos	Inflammation, Acute/Chronic
Pituitary gland	Anterior Pituitary	Cyst, Nos
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_024

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Thyroid

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_025

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney

Pelvis

Calculus, Microscopic Examination

Pelvis

Hyperplasia, Epithelial

Papilla

Necrosis, Nos

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Thyroid

Hyperplasia, C Cell

Uterus

Neurilemoma, Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_026

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney	Pelvis	Calculus, Microscopic Examination
	Pelvis	Hyperplasia, Epithelial
	Tubule	Inflammation, Acute Suppurative
		Mineralization
	Papilla	Necrosis, Nos
Liver		Nephropathy
Pituitary gland	Anterior Pituitary	Cytoplasmic Change, Basophilic
	Anterior Pituitary	Cyst, Multiple
Thyroid		Hyperplasia, Nos
		C-Cell Adenoma
		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_027

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Anterior Pituitary

Cyst, Multiple

Thyroid

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_028

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Mammary gland

Fibroadenoma

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Anterior Pituitary

Hyperplasia, Nos

Thyroid

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_029

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Nos

Cortex Nos

Hypertrophy, Focal

Cortex Nos

Metamorphosis, Fatty

Liver

Bile Duct

Hyperplasia, Nos

Thrombus, Mural

Mammary gland

Hyperplasia, Cystic

Pituitary gland

Intermedia

Cyst, Multiple

Anterior Pituitary

Hyperplasia, Nos

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_030

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney

Mineralization

Liver

Nephropathy

Ovary

Cytoplasmic Change, Basophilic

Thyroid

Inflammation, Acute/Chronic

Cyst, Parovarian

C-Cell Adenoma

Cyst, Follicular Nos

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_031

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Hernia, Nos

Inflammation, Acute/Chronic

Necrosis, Nos

Ovary

Cyst, Parovarian

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Anterior Pituitary

Cyst, Nos

Thyroid

Hyperplasia, C Cell

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_032

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney

Mineralization

Liver

Nephropathy

Pituitary gland

Anterior Pituitary

Cytoplasmic Change, Basophilic

Anterior Pituitary

Adenoma, Nos

Thyroid

Cyst, Multiple

Unspecified

Multiple Organs Nos

C-Cell Adenoma

Uterus

Endometrial Gland

Leukemia, Mononuclear Cell

Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_033

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_034

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney	Pelvis	Calculus, Microscopic Examination
	Pelvis	Hyperplasia, Epithelial
		Mineralization
	Papilla	Necrosis, Nos
		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Inflammation, Acute/Chronic
Thyroid		C-Cell Adenoma
		Hyperplasia, C Cell
Uterus	Cervix Uteri	Diverticulum

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_035

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney

Mineralization

Liver

Nephropathy

Pituitary gland

Anterior Pituitary

Cytoplasmic Change, Basophilic

Thyroid

Cyst, Nos

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_036

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Thyroid

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_037

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney	Pelvis	Calculus, Microscopic Examination
	Pelvis	Hyperplasia, Epithelial
		Mineralization
	Papilla	Necrosis, Nos
		Nephropathy
Liver		Cytoplasmic Change, Basophilic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_038

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Liver

Uterus

Mineralization

Cytoplasmic Change, Basophilic

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_039

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Thyroid

Hyperplasia, C Cell

Uterus

Cervix Uteri

Diverticulum

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_040

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Thyroid

Inflammation, Acute/Chronic

Uterus

Hyperplasia, C Cell

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_041

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Kidney

Medulla

Pheochromocytoma
Mineralization
Nephropathy
Cytoplasmic Change, Basophilic
Hyperplasia, C Cell

Liver
Thyroid

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_042

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Bile Duct

Hyperplasia, Nos

Mammary gland

Fibroadenoma

Parathyroid gland

Adenoma, Nos

Thyroid

Hyperplasia, C Cell

Unspecified

Knee Nos

Osteoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_043

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney

Mineralization

Liver

Nephropathy

Thyroid

Uterus

Bile Duct

Cytoplasmic Change, Basophilic

Hyperplasia, Nos

Hyperplasia, C Cell

Endometrial Stromal Polyp

Endometrial Gland

Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_044

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney

Liver

Mammary gland

Pituitary gland

Thyroid

Unspecified

Anterior Pituitary

Anterior Pituitary

Multiple Organs Nos

Mineralization

Cytoplasmic Change, Basophilic

Inflammation, Acute/Chronic

Fibroadenoma

Adenoma, Nos

Cyst, Multiple

C-Cell Adenoma

Hyperplasia, C Cell

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_045

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Liver

Cytoplasmic Change, Basophilic

Thyroid

Inflammation, Acute/Chronic

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_046

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney

Pelvis

Hyperplasia, Epithelial

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Thyroid

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_047

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Liver

Clear-Cell Change

Cytoplasmic Change, Basophilic

Inflammation, Acute/Chronic

Thyroid

C-Cell Adenoma

Hyperplasia, C Cell

Uterus

Endometrial Gland

Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_048

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland

Adenoma, Nos

Kidney

Dilatation, Ducts

Liver

Nephropathy

Parathyroid gland

Bile Duct

Cytoplasmic Change, Basophilic

Thyroid

Hyperplasia, Nos

Hyperplasia, Nos

C-Cell Adenoma

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_049

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney	Pelvis	Calculus, Microscopic Examination
	Pelvis	Hyperplasia, Epithelial
		Mineralization
Liver	Papilla	Necrosis, Nos
Uterus		Necrosis, Nos
		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_050

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney	Pelvis	Calculus, Microscopic Examination Mineralization
	Papilla	Necrosis, Nos Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Cyst, Multiple
	Anterior Pituitary	Hyperplasia, Nos
Thyroid		Hyperplasia, C Cell
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_001

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Clitoral gland		Inflammation, Acute/Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Inflammation, Acute/Chronic
Mammary gland		Hyperplasia, Cystic
Nasal cavity	Turbinates Nos	Inflammation, Acute/Chronic
Pancreas	Acinus	Atrophy, Focal
	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Hyperplasia, Nos
Thymus		Depletion, Lymphoid
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_002

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Hyperplasia, Nos Hyperplasia, Nos
Clitoral gland		Inflammation, Acute/Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Pelvis	Hyperplasia, Epithelial Mineralization Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic Hypertrophy, Focal Inflammation, Acute/Chronic
Mammary gland		Hyperplasia, Cystic
Nasal cavity	Turbinate Nos	Inflammation, Acute/Chronic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thymus		Depletion, Lymphoid
Thyroid		C-Cell Adenoma Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_003

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Mineralization
		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Nasal cavity	Turbinates Nos	Inflammation, Acute/Chronic
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Cyst, Multiple
	Anterior Pituitary	Hyperplasia, Nos
Thymus		Depletion, Lymphoid
Thyroid		Hyperplasia, C Cell
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_004

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
	Cortex Nos	Metamorphosis, Fatty
Clitoral gland		Inflammation, Acute/Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Mineralization
		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Cyst, Multiple
	Anterior Pituitary	Hemorrhage
	Anterior Pituitary	Hyperplasia, Nos
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus		Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_005

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Brain		Cyst, Nos
Clitoral gland		Inflammation, Acute/Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Centrilobular	Cytoplasmic Vacuolization
		Inflammation, Acute/Chronic
Mammary gland		Adenocarcinoma, Nos
		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thymus		Depletion, Lymphoid
Thyroid		C-Cell Adenoma
		Hyperplasia, C Cell
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_006

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Clitoral gland		Inflammation, Acute/Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Inflammation, Acute/Chronic
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Multiple
Spleen	Follicles	Hyperplasia, Reticulum Cell
Thymus		Depletion, Lymphoid
Thyroid		C-Cell Adenoma
		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_007

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain		Atrophy, Pressure
Clitoral gland		Dilatation, Ducts
		Inflammation, Acute/Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
	Centrilobular	Cytoplasmic Vacuolization
	Bile Duct	Hyperplasia, Nos
		Inflammation, Acute/Chronic
Mammary gland		Fibroadenoma
		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thymus		Depletion, Lymphoid
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_008

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland		Inflammation, Acute/Chronic
Harderian gland	Harderian Gland	Hyperplasia, Epithelial
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Degeneration, Cystic
		Inflammation, Acute/Chronic
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thymus		Depletion, Lymphoid
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_009

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Brain		Atrophy, Pressure
Clitoral gland		Inflammation, Acute Suppurative
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Degeneration, Cystic
		Hyperplasia, Nos
		Regeneration, Nos
Mammary gland		Adenocarcinoma, Nos
		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen	Red Pulp	Fibrosis
Thymus		Depletion, Lymphoid
Thyroid		C-Cell Adenoma
		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_010

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Clear-Cell Change
		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
		Inflammation, Acute/Chronic
Mammary gland		Hyperplasia, Cystic
Nasal cavity	Turbinates Nos	Inflammation, Acute/Chronic
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Multiple
	Anterior Pituitary	Hyperplasia, Nos
Thymus		Depletion, Lymphoid
Thyroid		C-Cell Adenoma
		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_011

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Inflammation, Acute/Chronic
Mammary gland		Fibroadenoma
		Hyperplasia, Cystic
Nasal cavity	Turbinates Nos	Inflammation, Acute/Chronic
Pancreas	Acinus	Atrophy, Focal
Thymus		Depletion, Lymphoid
Thyroid		Hyperplasia, C Cell
Urinary bladder		Hyperplasia, Papillary
Uterus	Cervix Uteri	Dilatation, Nos
	Cervix Uteri	Fibrosis, Multifocal
	Cervix Uteri	Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_012

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
	Medulla	Hyperplasia, Nos
Blood vessel	Coronary Artery Nos	Inflammation, Acute/Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Degeneration, Cystic
Mammary gland		Hyperplasia, Cystic
Nasal cavity	Turbinate Nos	Inflammation, Acute/Chronic
Pituitary gland	Anterior Pituitary	Cyst, Multiple
Spleen	Red Pulp	Fibrosis
Thymus		Depletion, Lymphoid
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_013

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Pheochromocytoma

Brain

Atrophy, Pressure

Ventricle

Hydrocephalus, Nos

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Degeneration, Cystic

Inflammation, Acute/Chronic

Mammary gland

Fibroadenoma

Nasal cavity

Turbinate Nos

Inflammation, Acute/Chronic

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Thymus

Depletion, Lymphoid

Thyroid

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_014

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain		Atrophy, Pressure
Clitoral gland		Inflammation, Acute/Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
Mammary gland		Hyperplasia, Cystic
Nasal cavity	Turbinates Nos	Inflammation, Acute/Chronic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hemangiosarcoma
Thymus		Depletion, Lymphoid

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_015

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Brain		Atrophy, Pressure
	Ventricle	Hydrocephalus, Nos
Clitoral gland		Inflammation, Acute/Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Degeneration, Cystic
	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Cystic
Nasal cavity	Turbinates Nos	Inflammation, Acute/Chronic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thyroid		C-Cell Adenoma
		Hyperplasia, C Cell
Uterus		Dilatation, Nos
		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_016

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Blood vessel	Hepatic Artery	Dilatation, Nos
Clitoral gland		Inflammation, Acute/Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Inflammation, Acute/Chronic
Mammary gland		Fibroadenoma
		Hyperplasia, Cystic
Nasal cavity	Turbinates Nos	Inflammation, Acute/Chronic
Pituitary gland	Anterior Pituitary	Cyst, Multiple
	Anterior Pituitary	Hyperplasia, Nos
Thymus		Depletion, Lymphoid
Thyroid		C-Cell Adenoma
		Hyperplasia, C Cell
Uterus		Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_017

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Blood vessel	Sup.Panc-Duod.Artery	Inflammation, Acute/Chronic
Clitoral gland		Inflammation, Acute/Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Inflammation, Acute/Chronic
Mammary gland		Hyperplasia, Cystic
Nasal cavity	Turbinates Nos	Inflammation, Acute/Chronic
Pituitary gland	Anterior Pituitary	Cyst, Multiple
Thymus		Depletion, Lymphoid
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_018

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Clitoral gland		Inflammation, Acute/Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Tubule	Inflammation, Acute Suppurative Nephropathy
Liver		Cytoplasmic Change, Basophilic Neoplastic Nodule
Mammary gland		Fibroadenoma Hyperplasia, Cystic
Nasal cavity	Turbinates Nos	Inflammation, Acute/Chronic
Thymus		Depletion, Lymphoid
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_019

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Brain		Atrophy, Pressure
Clitoral gland		Hyperplasia, Focal
		Inflammation, Acute/Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Hernia, Nos
	Bile Duct	Hyperplasia, Nos
		Inflammation, Acute/Chronic
Mammary gland		Fibroadenoma
		Hyperplasia, Cystic
Nasal cavity	Turbinates Nos	Inflammation, Acute/Chronic
Ovary		Cyst, Parovarian
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thyroid		C-Cell Adenoma
		Hyperplasia, C Cell
Unspecified	Ear	Fibrosarcoma
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_020

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Clitoral gland		Inflammation, Acute/Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Mineralization
		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
		Regeneration, Nos
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thymus		Depletion, Lymphoid
Thyroid		C-Cell Adenoma
		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_021

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hypertrophy, Focal
	Cortex Nos	Metamorphosis, Fatty
Brain		Hemorrhage
Clitoral gland		Inflammation, Acute/Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Necrosis, Nos
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Cyst, Multiple
Thymus		Depletion, Lymphoid
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_022

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Hyperplasia, Nos Hyperplasia, Nos
Bone marrow		Hyperplasia, Reticulum Cell
Clitoral gland		Adenoma, Nos Inflammation, Acute/Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Capsule	Fibrosis, Focal Inflammation, Acute/Chronic
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary Anterior Pituitary	Adenoma, Nos Cyst, Multiple
Thymus		Depletion, Lymphoid
Thyroid		Hyperplasia, C Cell
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_023

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Blood vessel	Sup.Panc-Duod.Artery	Inflammation, Acute/Chronic
Clitoral gland		Inflammation, Acute/Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Inflammation, Acute/Chronic
Mammary gland		Fibroadenoma
Ovary		Cyst, Parovarian
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Skin	Abdomen	Trichoepithelioma
Thymus		Depletion, Lymphoid
Thyroid		C-Cell Adenoma
		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_024

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Necrosis, Focal
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Pelvis	Hemorrhage
Liver		Inflammation, Acute/Chronic
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thymus		Depletion, Lymphoid
Thyroid		Hyperplasia, C Cell
Urinary bladder		Hemorrhage
		Inflammation, Acute/Chronic
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_025

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Clitoral gland		Inflammation, Acute/Chronic
Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Inflammation, Acute/Chronic
Mammary gland		Hyperplasia, Cystic
Nasal cavity	Turbinate Nos	Inflammation, Acute/Chronic
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thymus		Depletion, Lymphoid
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus	Cervix Uteri	Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_026

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain		Atrophy, Pressure
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Hernia, Nos
		Inflammation, Acute/Chronic
Mammary gland		Fibroadenoma
		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thymus		Depletion, Lymphoid
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_027

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney	Tubule	Inflammation, Acute Suppurative Nephropathy
Liver		Cytoplasmic Change, Basophilic Cytoplasmic Change, Eosinophilic Degeneration, Cystic
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Multiple
Thymus		Depletion, Lymphoid
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_028

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Hepatocellular Carcinoma
Nasal cavity	Turbinate Nos	Inflammation, Acute/Chronic
Pituitary gland	Anterior Pituitary	Inflammation, Acute/Chronic
	Anterior Pituitary	Cyst, Multiple
Thymus		Hyperplasia, Nos
Thyroid		Depletion, Lymphoid
Uterus	Endometrial Gland	Hyperplasia, C Cell
		Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_029

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Nos

Medulla

Pheochromocytoma

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Inflammation, Acute/Chronic

Mammary gland

Fibroadenoma

Ovary

Cyst, Parovarian

Parathyroid gland

Hyperplasia, Nos

Pituitary gland

Anterior Pituitary

Cyst, Multiple

Thymus

Depletion, Lymphoid

Thyroid

Hyperplasia, C Cell

Uterus

Endometrial Stromal Polyp

Endometrial Gland

Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_030

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Necrosis, Focal

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Medulla

Pyelonephritis, Acute

Liver

Cytoplasmic Change, Basophilic

Bile Duct

Hyperplasia, Nos

Mammary gland

Hyperplasia, Cystic

Pancreas

Acinus

Atrophy, Focal

Thymus

Depletion, Lymphoid

Urinary bladder

Necrosis, Hemorrhagic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_031

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Pituitary gland

Unspecified

Anterior Pituitary

Multiple Organs Nos

Mineralization

Cyst, Multiple

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_032

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Brain		Atrophy, Pressure
Clitoral gland		Inflammation, Acute/Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Hyperplasia, Tubular Cell
		Nephropathy
Liver		Cytoplasmic Change, Basophilic
Mammary gland		Hyperplasia, Cystic
Pancreas		Dilatation, Ducts
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen	Capsule	Fibrosis, Multifocal
		Inflammation, Acute/Chronic
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_033

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Clear-Cell Change
		Cytoplasmic Change, Basophilic
		Hernia, Nos
Mammary gland		Fibroadenoma
		Hyperplasia, Cystic
Nasal cavity	Turbinate Nos	Inflammation, Acute/Chronic
Thymus		Depletion, Lymphoid
Thyroid		Hyperplasia, C Cell
Uterus		Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_034

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Brain		Atrophy, Pressure
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
		Inflammation, Acute/Chronic
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Carcinoma, Nos
	Anterior Pituitary	Cyst, Multiple
Thymus		Depletion, Lymphoid
Thyroid		C-Cell Adenoma
		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_035

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland		Inflammation, Acute/Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Pelvis	Hyperplasia, Epithelial Mineralization Nephropathy
Liver		Cytoplasmic Change, Basophilic
Mammary gland	Bile Duct	Hyperplasia, Nos Fibroadenoma Hyperplasia, Cystic
Ovary		Cyst, Parovarian
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Multiple
Stomach	Glandular Stomach	Cyst, Nos
Thymus		Depletion, Lymphoid
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_036

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cyst, Nos

Cortex Nos

Hyperplasia, Nos

Cortex Nos

Hypertrophy, Focal

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Bile Duct

Hyperplasia, Nos

Mammary gland

Hyperplasia, Cystic

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Thymus

Depletion, Lymphoid

Thyroid

Hyperplasia, C Cell

Uterus

Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_037

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Pheochromocytoma

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Bile Duct

Hyperplasia, Nos

Mammary gland

Hyperplasia, Cystic

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Thymus

Depletion, Lymphoid

Thyroid

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_038

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Atrophy, Diffuse Cortical Adenoma
Clitoral gland		Inflammation, Acute/Chronic
Liver	Bile Duct	Hyperplasia, Nos Necrosis, Nos
Mammary gland		Hyperplasia, Cystic
Nasal cavity	Turbinate Nos	Inflammation, Acute/Chronic
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary Anterior Pituitary	Cyst, Multiple Hyperplasia, Nos
Thymus		Depletion, Lymphoid
Thyroid		C-Cell Adenoma Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_039

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland		Adenoma, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Inflammation, Acute/Chronic
Pituitary gland	Intermedia	Adenoma, Nos
	Anterior Pituitary	Cyst, Nos
	Anterior Pituitary	Hyperplasia, Nos
Thymus		Depletion, Lymphoid
Thyroid		C-Cell Adenoma
		C-Cell Carcinoma
Unspecified	Abdomen	Fibroma
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_040

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Large
Kidney

Cortex Nos
Myocardium Nos
Colon

Hypertrophy, Nos
Degeneration, Nos
Parasitism
Mineralization
Nephropathy

Liver

Bile Duct

Cytoplasmic Change, Basophilic
Hyperplasia, Nos
Inflammation, Acute/Chronic

Mammary gland

Fibroadenoma
Hyperplasia, Cystic
Cyst, Parovarian

Ovary

Pituitary gland

Anterior Pituitary

Adenoma, Nos
Depletion, Lymphoid
C-Cell Adenoma
Hyperplasia, C Cell

Thymus

Thyroid

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_041

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Nos

Cortex Nos

Metamorphosis, Fatty

Clitoral gland

Inflammation, Acute/Chronic

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Nephropathy

Liver

Clear-Cell Change

Cytoplasmic Change, Basophilic

Mammary gland

Hyperplasia, Cystic

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Anterior Pituitary

Cyst, Multiple

Thymus

Depletion, Lymphoid

Thyroid

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_042

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain		Atrophy, Pressure
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Mineralization
		Nephropathy
Liver		Clear-Cell Change
		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Forestomach	Inflammation, Acute/Chronic
	Glandular Stomach	Inflammation, Acute/Chronic
Thymus		Depletion, Lymphoid
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_043

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland		Inflammation, Acute/Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Mineralization
		Nephropathy
Liver		Cytoplasmic Change, Basophilic
Lung		Inflammation, Chronic
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Cyst, Multiple
	Anterior Pituitary	Hyperplasia, Nos
Thymus		Depletion, Lymphoid
Thyroid		Hyperplasia, C Cell
Uterus		Dilatation, Nos
	Endometrium	Hyperplasia, Polypoid

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_044

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland		Inflammation, Acute/Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Cystic
Ovary		Cyst, Parovarian
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Multiple
Thymus		Depletion, Lymphoid
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_045

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hypertrophy, Focal
Brain		Atrophy, Pressure
Clitoral gland		Inflammation, Acute/Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Inflammation, Acute/Chronic
Mammary gland		Hyperplasia, Cystic
Ovary		Cyst, Follicular Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thymus		Depletion, Lymphoid
Thyroid		C-Cell Adenoma
		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_046

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Clitoral gland		Inflammation, Acute/Chronic
Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Inflammation, Acute/Chronic
Mammary gland		Fibroadenoma
		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Cyst, Multiple
Thymus		Depletion, Lymphoid
Thyroid		C-Cell Adenoma
		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_047

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Clitoral gland		Inflammation, Acute/Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Inflammation, Acute/Chronic
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Hyperplasia, Nos
Thymus		Depletion, Lymphoid
Thyroid		C-Cell Carcinoma
		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_048

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Clitoral gland		Inflammation, Acute/Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Inflammation, Acute/Chronic
Mammary gland		Fibroadenoma
		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thymus		Depletion, Lymphoid
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_049

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hypertrophy, Focal
Clitoral gland		Inflammation, Acute/Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
		Inflammation, Acute/Chronic
Mammary gland		Fibroadenoma
		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Thymus		Depletion, Lymphoid
Thyroid		C-Cell Adenoma
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C02915

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: N-Phenyl-2-naphthylamine

CAS Number: 135-88-6

Date Report Requested: 10/26/2014

Time Report Requested: 09:35:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_050

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Clitoral gland		Inflammation, Acute/Chronic
Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Liver		Clear-Cell Change
		Cytoplasmic Change, Basophilic
		Inflammation, Acute/Chronic
Mammary gland		Fibroadenoma
		Hyperplasia, Cystic
Nasal cavity	Turbinates Nos	Inflammation, Acute/Chronic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thyroid		C-Cell Carcinoma
		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

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**** END OF REPORT ****

* PROTOCOL REQUIRED TISSUE