

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: 14:40:24

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: Male

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: 14:40:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_001

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Pelvis	Hyperplasia, Epithelial
		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Degeneration, Cystic
	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Cyst, Multiple
Preputial gland		Inflammation, Acute/Chronic
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
Thyroid		Interstitial-Cell Tumor
		Follicular-Cell Carcinoma
		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear 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: 14:40:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_002

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney	Tubule	Inflammation, Acute Suppurative Nephropathy
Liver	Centrilobular Bile Duct	Cytoplasmic Change, Basophilic Cytoplasmic Vacuolization Hyperplasia, Nos
Lung		Hyperplasia, Epithelial
Penis	Prepuce Nos	Squamous Cell Carcinoma
Preputial gland		Inflammation, Acute/Chronic
Testis		Atrophy, Nos Interstitial-Cell Tumor
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: 14:40:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_003

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Tubule	Inflammation, Acute Suppurative Nephropathy
Liver	Cortex	Tubular-Cell Adenoma Cytoplasmic Change, Basophilic Degeneration, Cystic
Nasal cavity	Bile Duct	Hyperplasia, Nos
Pancreas	Turbinates Nos	Inflammation, Acute/Chronic
Parathyroid gland	Acinus	Atrophy, Nos
Preputial gland		Hyperplasia, Nos
Spleen	Red Pulp	Inflammation, Acute/Chronic Fibrosis
Testis		Atrophy, Nos Interstitial-Cell Tumor
Thymus		Depletion, Lymphoid
Thyroid		Cyst, Multiple Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear 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: 14:40:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_004

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Tubule	Inflammation, Acute Suppurative Nephropathy
Lung		Hyperplasia, Epithelial
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Cyst, Nos
Preputial gland	Anterior Pituitary	Hyperplasia, Nos
Testis		Dilatation, Ducts Inflammation, Suppurative Atrophy, Nos Hyperplasia, Interstitial Cell
Thymus		Interstitial-Cell Tumor
Thyroid		Depletion, Lymphoid 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: 14:40:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_005

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney	Tubule	Inflammation, Acute Suppurative Nephropathy
Liver		Clear-Cell Change Cytoplasmic Change, Basophilic
	Centrilobular	Cytoplasmic Vacuolization
	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Cystic
Preputial gland		Inflammation, Acute/Chronic
Prostate		Inflammation, Acute/Chronic
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
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: 14:40:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_006

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Nos
	Medulla	Hyperplasia, Nos
Eye	Retina	Atrophy, Nos
	Crystalline Lens	Cataract
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Tubule	Inflammation, Acute Suppurative Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Cystic
Nasal cavity	Turbinate Nos	Inflammation, Acute/Chronic
Testis		Atrophy, Nos Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear 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: 14:40:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_007

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
	Medulla	Hyperplasia, Nos
	Medulla	Pheochromocytoma
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Tubule	Inflammation, Acute Suppurative
		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Parathyroid gland		Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Inflammation, Acute/Chronic
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear 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: 14:40:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_008

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney	Tubule	Inflammation, Acute Suppurative Nephropathy
Liver		Cytoplasmic Change, Basophilic Hyperplasia, Nos
Nasal cavity	Bile Duct	
Peritoneum	Turbinat Nos	Inflammation, Acute/Chronic
	Parietal Peritoneum	Mesothelioma, Metastatic
	Visceral Peritoneum	Mesothelioma, Metastatic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Inflammation, Acute/Chronic
Prostate		Inflammation, Acute/Chronic
Testis		Atrophy, Nos Hyperplasia, Interstitial Cell Interstitial-Cell Tumor
Thyroid	Tunica Vaginalis	Mesothelioma, Malignant
Unspecified	Multiple Organs Nos	Hyperplasia, C Cell Leukemia, Mononuclear 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: 14:40:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_009

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Tubule	Inflammation, Acute Suppurative Nephropathy
Liver		Cytoplasmic Change, Basophilic
Mammary gland	Bile Duct	Hyperplasia, Nos
Parathyroid gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Hyperplasia, Nos
Prostate		Inflammation, Acute/Chronic
Spleen	Red Pulp	Inflammation, Acute/Chronic
Testis		Fibrosis
Thymus		Atrophy, Nos
Thyroid		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Depletion, Lymphoid Hyperplasia, C Cell
		Leukemia, Mononuclear 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: 14:40:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_010

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Hyperplasia, Nos Pheochromocytoma
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Tubule	Inflammation, Acute Suppurative Nephropathy
Liver	Bile Duct	Cytoplasmic Change, Basophilic Hyperplasia, Nos Necrosis, Nos
Pancreas	Acinus	Atrophy, Nos
Parathyroid gland		Adenoma, Nos
Pituitary gland	Anterior Pituitary Anterior Pituitary	Adenoma, Nos Cyst, Multiple
Preputial gland		Inflammation, Acute/Chronic
Testis		Atrophy, Nos Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear 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: 14:40:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_011

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
	Medulla	Pheochromocytoma
Kidney	Tubule	Inflammation, Acute Suppurative Nephropathy
Liver	Centrilobular	Cytoplasmic Change, Basophilic Cytoplasmic Vacuolization Degeneration, Cystic
	Bile Duct	Hyperplasia, Nos
Lung		Alveolar/Bronchiolar Adenoma
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Inflammation, Acute/Chronic
Testis		Atrophy, Nos Interstitial-Cell Tumor
Thymus		Depletion, Lymphoid
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear 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: 14:40:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_012

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Eye	Nasolacrimal Duct	Inflammation, Acute/Chronic
Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Mesentery Nos	Inflammation, Chronic
Kidney	Tubule	Inflammation, Acute Suppurative Nephropathy
Liver	Centrilobular	Cytoplasmic Change, Basophilic Cytoplasmic Vacuolization Degeneration, Cystic
	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Cystic
Nasal cavity	Turbinates Nos	Inflammation, Acute/Chronic
Parathyroid gland		Hyperplasia, Nos
Preputial gland		Inflammation, Acute/Chronic
Testis		Atrophy, Nos Interstitial-Cell Tumor
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: 14:40:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_013

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Hyperplasia, Nos Pheochromocytoma
Blood vessel	Sup.Panc-Duod.Artery	Inflammation, Acute/Chronic
Eye	Nasolacrimal Duct Nasolacrimal Duct	Hyperkeratosis Inflammation, Acute/Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Tubule	Inflammation, Acute Suppurative Nephropathy
Liver		Cytoplasmic Change, Basophilic Degeneration, Cystic
	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Cystic
Nasal cavity	Turbinates Nos	Inflammation, Acute/Chronic
Parathyroid gland		Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Inflammation, Chronic Focal
Preputial gland		Inflammation, Acute/Chronic
Testis		Atrophy, Nos Hyperplasia, Interstitial Cell Interstitial-Cell Tumor
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: 14:40:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_014

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
	Medulla	Hyperplasia, Nos
	Medulla	Pheochromocytoma
Heart	Myocardium Nos	Degeneration, Nos
	Atrium	Thrombosis, Nos
Kidney	Tubule	Inflammation, Acute Suppurative
		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Degeneration, Cystic
	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Cystic
Preputial gland		Inflammation, Acute/Chronic
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thymus		Depletion, Lymphoid
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear 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: 14:40:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_015

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Pheochromocytoma

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Nephropathy

Liver

Bile Duct

Hyperplasia, Nos

Mammary gland

Hyperplasia, Cystic

Nasal cavity

Turbinate Nos

Inflammation, Acute/Chronic

Preputial gland

Inflammation, Acute/Chronic

Skin

Perineum

Cyst, Epidermal Inclusion

Testis

Atrophy, Nos

Hyperplasia, Interstitial Cell

Interstitial-Cell Tumor

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: 14:40:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_016

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney

Medulla
Myocardium Nos
Tubule

Liver
Lung
Mammary gland
Preputial gland

Testis

Thymus
Thyroid
Unspecified

Mediastinum Nos

Pheochromocytoma
Degeneration, Nos
Inflammation, Acute Suppurative
Nephropathy
Cytoplasmic Change, Basophilic
Hyperplasia, Epithelial
Hyperplasia, Cystic
Dilatation, Ducts
Inflammation, Acute/Chronic
Atrophy, Nos
Interstitial-Cell Tumor
Depletion, Lymphoid
Hyperplasia, C Cell
Inflammation, Acute/Chronic

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: 14:40:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_017

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney	Tubule	Inflammation, Acute Suppurative Nephropathy
Liver		Cytoplasmic Change, Basophilic
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
	Acinus	Inflammation, Chronic Diffuse
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Inflammation, Acute/Chronic
Prostate		Inflammation, Acute/Chronic
Spleen		Sarcoma, Nos
Testis		Atrophy, Nos Hyperplasia, Interstitial Cell Interstitial-Cell Tumor

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: 14:40:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_018

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Nos

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Necrosis, Nos

Lung

Inflammation, Acute Diffuse

Preputial gland

Inflammation, Acute/Chronic

Stomach

Glandular Stomach

Necrosis, Nos

Testis

Tunica Vaginalis

Mesothelioma, Malignant

Unspecified

Multiple Organs Nos

Mesothelioma, Metastatic

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: 14:40:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_019

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Hyperplasia, Nos Pheochromocytoma
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Tubule	Inflammation, Acute Suppurative Nephropathy
Liver		Cytoplasmic Change, Basophilic Degeneration, Cystic
	Bile Duct	Hyperplasia, Nos Inflammation, Acute/Chronic
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Parathyroid gland		Hyperplasia, Nos
Preputial gland		Inflammation, Acute/Chronic
Testis		Atrophy, Nos Interstitial-Cell Tumor
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: 14:40:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_020

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
	Cortex Nos	Necrosis, Focal
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Pancreas	Acinus	Fibrosis, Focal
Salivary gland		Necrosis, Diffuse
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thymus		Depletion, Lymphoid
Unspecified	Flank	Fibroma
	Multiple Organs Nos	Leukemia, Mononuclear 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: 14:40:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_021

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Blood vessel	Sup.Panc-Duod.Artery	Inflammation, Chronic
Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Colon	Parasitism
Kidney	Tubule	Inflammation, Acute Suppurative Nephropathy
Liver	Centrilobular	Cytoplasmic Change, Basophilic Cytoplasmic Vacuolization
	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Cyst, Nos
	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Hyperplasia, Focal Inflammation, Acute/Chronic
Testis		Atrophy, Nos Interstitial-Cell Tumor
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: 14:40:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_022

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
	Medulla	Pheochromocytoma
Heart	Myocardium Nos	Degeneration, Nos
	Atrium	Thrombosis, Nos
Kidney	Tubule	Inflammation, Acute Suppurative
		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Centrilobular	Cytoplasmic Vacuolization
	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Cystic
Preputial gland		Hyperplasia, Focal
		Inflammation, Acute/Chronic
Spleen	Red Pulp	Fibrosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thymus		Depletion, Lymphoid
Thyroid		Hyperplasia, C Cell
Tooth	Periodontal Tissues	Inflammation, Acute/Chronic
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: 14:40:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_023

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney

Cortex Nos
Myocardium Nos
Tubule

Hyperplasia, Nos
Degeneration, Nos
Inflammation, Acute Suppurative
Nephropathy

Liver
Lung
Mammary gland
Preputial gland

Bile Duct

Hyperplasia, Nos
Alveolar/Bronchiolar Adenoma
Hyperplasia, Cystic
Adenoma, Nos
Inflammation, Acute/Chronic

Testis

Atrophy, Nos
Interstitial-Cell Tumor

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: 14:40:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_024

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Bone marrow		Fibrosis, Myelo
Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Rectum	Inflammation, Chronic
Kidney	Tubule	Cyst, Nos
		Inflammation, Acute Suppurative
		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Degeneration, Cystic
	Bile Duct	Hyperplasia, Nos
Nasal cavity	Turbinates Nos	Inflammation, Acute/Chronic
Pituitary gland	Anterior Pituitary	Angiectasis
Preputial gland		Inflammation, Acute/Chronic
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Tooth	Periodontal Tissues	Acanthosis
	Periodontal Tissues	Hyperkeratosis

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: 14:40:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_025

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Large
Kidney

Cortex Nos
Myocardium Nos
Colon
Tubule

Hypertrophy, Nos
Degeneration, Nos
Parasitism
Inflammation, Acute Suppurative
Nephropathy

Liver

Cytoplasmic Change, Basophilic
Degeneration, Cystic

Nasal cavity
Parathyroid gland
Pituitary gland
Preputial gland
Testis

Turbinate Nos

Anterior Pituitary

Inflammation, Acute/Chronic
Hyperplasia, Nos
Adenoma, Nos
Inflammation, Acute/Chronic
Atrophy, Nos
Interstitial-Cell Tumor
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: 14:40:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_026

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
	Cortex Nos	Necrosis, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Tubule	Inflammation, Acute Suppurative
		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Cystic
Preputial gland		Inflammation, Acute/Chronic
Stomach	Submucosa	Inflammation, Acute Focal
	Forestomach	Ulcer, Acute
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
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: 14:40:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_027

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Tubule	Inflammation, Acute Suppurative Nephropathy
Liver	Centrilobular	Cytoplasmic Change, Basophilic
	Bile Duct	Cytoplasmic Vacuolization
Mammary gland		Hyperplasia, Nos
Pancreas	Acinus	Hyperplasia, Cystic
Parathyroid gland		Atrophy, Nos
Preputial gland		Hyperplasia, Nos
Testis		Inflammation, Acute/Chronic
Thymus		Atrophy, Nos
Thyroid		Interstitial-Cell Tumor
		Depletion, Lymphoid
		Cyst, Follicular Nos
		Follicular-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: 14:40:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_028

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Tubule	Inflammation, Acute Suppurative Nephropathy
Liver		Clear-Cell Change Cytoplasmic Change, Basophilic
Lung		Inflammation, Acute/Chronic
Pituitary gland	Anterior Pituitary	Cyst, Multiple
Skin	Back	Squamous Cell Carcinoma
Testis		Atrophy, Nos Interstitial-Cell Tumor
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: 14:40:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_029

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
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: 14:40:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_030

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
	Medulla	Hyperplasia, Nos
	Medulla	Pheochromocytoma
Heart	Myocardium Nos	Degeneration, Nos
	Atrium	Thrombosis, Nos
Kidney	Tubule	Inflammation, Acute Suppurative
		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Degeneration, Cystic
	Bile Duct	Hyperplasia, Nos
Lung		Hyperplasia, Epithelial
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Inflammation, Acute/Chronic
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
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: 14:40:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_031

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Tubule	Inflammation, Acute Suppurative Nephropathy
Liver		Cytoplasmic Change, Basophilic Degeneration, Cystic
	Centrilobular	Necrosis, Nos
Nasal cavity	Turbinates Nos	Inflammation, Acute/Chronic
Pancreas	Acinus	Atrophy, Nos
Preputial gland		Inflammation, Acute/Chronic
Spleen	Red Pulp	Fibrosis
Testis		Atrophy, Nos Interstitial-Cell Tumor
Thymus		Depletion, Lymphoid
Thyroid		Hyperplasia, C Cell
Unspecified	Abdomen	Edema, 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: 14:40:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_032

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Hyperplasia, Nos Pheochromocytoma
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Tubule	Inflammation, Acute Suppurative Nephropathy
Liver	Centrilobular Bile Duct	Cytoplasmic Change, Basophilic Cytoplasmic Vacuolization Hyperplasia, Nos
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Angiectasis
Preputial gland		Inflammation, Acute/Chronic
Testis		Atrophy, Nos Interstitial-Cell Tumor
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: 14:40:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_033

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Mammary gland		Hyperplasia, Cystic
Prostate		Inflammation, Acute/Chronic
Seminal vesicle		Inflammation, Acute/Chronic
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thymus		Depletion, Lymphoid
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Urinary bladder		Dilatation, Nos
		Inflammation, Acute 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: 14:40:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_034

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
	Medulla	Hyperplasia, Nos
	Medulla	Pheochromocytoma
Brain		Atrophy, Pressure
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Cystic
Nasal cavity	Turbinates Nos	Inflammation, Acute/Chronic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Inflammation, Acute/Chronic
Prostate		Inflammation, Acute/Chronic
Testis		Hyperplasia, Interstitial Cell
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: 14:40:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_035

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Blood vessel	Sup.Panc-Duod.Artery	Inflammation, Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Tubule	Inflammation, Acute Suppurative Nephropathy
Liver	Centrilobular	Cytoplasmic Change, Basophilic
	Bile Duct	Cytoplasmic Vacuolization
Mammary gland		Hyperplasia, Nos
Pancreas	Acinus	Hyperplasia, Cystic
Preputial gland		Atrophy, Nos
Testis		Inflammation, Acute/Chronic
		Atrophy, Nos
Thymus		Interstitial-Cell Tumor
Thyroid		Depletion, Lymphoid
Unspecified	Multiple Organs Nos	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: 14:40:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_036

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cortical Adenoma

Heart

Myocardium Nos

Hyperplasia, Nos

Kidney

Tubule

Degeneration, Nos

Liver

Bile Duct

Inflammation, Acute Suppurative

Mammary gland

Pituitary gland

Preputial gland

Testis

Anterior Pituitary

Nephropathy

Cytoplasmic Change, Basophilic

Hyperplasia, Nos

Hyperplasia, Cystic

Cyst, Multiple

Inflammation, Acute/Chronic

Atrophy, Nos

Interstitial-Cell Tumor

Thymus

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: 14:40:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_037

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Epididymis		Inflammation, Acute/Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Inflammation, Acute/Chronic
Lymph node	Cervical Lymph Node Nos	Plasmacytosis
Mammary gland		Hyperplasia, Cystic
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Zymbal gland		Carcinoma, 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: 14:40:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_038

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
	Medulla	Pheochromocytoma
Blood vessel	Sup.Panc-Duod.Artery	Inflammation, Acute/Chronic
Heart	Myocardium Nos	Degeneration, Nos
	Atrium	Inflammation, Chronic Focal
Kidney		Cyst, Nos
	Tubule	Inflammation, Acute Suppurative
		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Degeneration, Cystic
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Cytoplasmic Vacuolization
Preputial gland		Inflammation, Acute/Chronic
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
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: 14:40:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_039

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
	Medulla	Pheochromocytoma
Eye	Retina	Atrophy, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Cyst, Nos
	Tubule	Inflammation, Acute Suppurative
		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Cyst, Multiple
	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Inflammation, Acute/Chronic
Prostate		Inflammation, Acute/Chronic
Spleen	Red Pulp	Fibrosis
Stomach	Submucosa	Edema, Nos
	Submucosa	Inflammation, Acute/Chronic
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
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: 14:40:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_040

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney

Medulla
Myocardium Nos
Tubule

Liver
Lung
Mammary gland
Preputial gland
Prostate
Testis

Hyperplasia, Nos
Degeneration, Nos
Inflammation, Acute Suppurative
Nephropathy
Cytoplasmic Change, Basophilic
Hyperplasia, Epithelial
Hyperplasia, Cystic
Inflammation, Acute/Chronic
Inflammation, Acute/Chronic
Atrophy, Nos
Interstitial-Cell Tumor
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: 14:40:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_041

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney

Medulla
Myocardium Nos

Hyperplasia, Nos
Degeneration, Nos
Cyst, Nos

Tubule

Inflammation, Acute Suppurative
Nephropathy

Liver

Bile Duct

Cytoplasmic Change, Basophilic
Hyperplasia, Nos

Preputial gland
Testis

Inflammation, Acute/Chronic
Atrophy, Nos

Thymus

Interstitial-Cell Tumor

Thyroid

Depletion, Lymphoid

Unspecified

Multiple Organs Nos

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: 14:40:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_042

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Tubule	Inflammation, Acute Suppurative Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Inflammation, Acute/Chronic
Prostate		Inflammation, Acute/Chronic
Stomach	Glandular Stomach	Ulcer, Acute
Testis		Atrophy, Nos Hyperplasia, Interstitial Cell Interstitial-Cell Tumor
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: 14:40:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_043

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Blood vessel	Sup.Panc-Duod.Artery	Inflammation, Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Tubule	Inflammation, Acute Suppurative Mineralization Nephropathy
Liver	Centrilobular	Cytoplasmic Change, Basophilic Cytoplasmic Vacuolization Degeneration, Cystic
	Bile Duct	Hyperplasia, Nos Hyperplasia, Cystic
Mammary gland	Anterior Pituitary	Cyst, Nos
Pituitary gland		Inflammation, Acute/Chronic
Preputial gland		Atrophy, Nos
Testis		Interstitial-Cell Tumor
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: 14:40:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_044

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Mineralization

Prostate

Nephropathy

Testis

Inflammation, Acute/Chronic

Urinary bladder

Hyperplasia, Interstitial Cell

Interstitial-Cell Tumor

Inflammation, Acute Necrotizing

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: 14:40:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_045

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney	Tubule	Inflammation, Acute Suppurative Nephropathy
Liver	Centrilobular	Cytoplasmic Change, Basophilic Cytoplasmic Vacuolization Degeneration, Cystic
	Bile Duct	Hyperplasia, Nos Alveolar/Bronchiolar Adenoma
Lung		Hyperplasia, Cystic
Mammary gland		Cyst, Nos
Pituitary gland	Anterior Pituitary	Inflammation, Acute/Chronic
Preputial gland		Atrophy, Nos
Testis		Interstitial-Cell Tumor
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: 14:40:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_046

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
	Cortex Nos	Metamorphosis, Fatty
Heart	Myocardium Nos	Degeneration, Nos
	Atrium	Thrombosis, Nos
Intestine Small	Duodenum	Ulcer, Acute
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Cystic
Nasal cavity	Turbinate Nos	Inflammation, Acute/Chronic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Prostate		Inflammation, Acute/Chronic
Stomach	Glandular Stomach	Ulcer, Acute
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
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: 14:40:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_047

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Blood vessel	Sup.Panc-Duod.Artery	Inflammation, Acute/Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Tubule	Inflammation, Acute Suppurative Nephropathy
Liver	Centrilobular	Cytoplasmic Change, Basophilic Cytoplasmic Vacuolization Degeneration, Cystic
Lung		Alveolar/Bronchiolar Adenoma
Mammary gland		Hyperplasia, Cystic
Nasal cavity	Turbinates Nos	Inflammation, Acute/Chronic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Inflammation, Acute/Chronic
Testis		Atrophy, Nos Interstitial-Cell Tumor
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: 14:40:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_048

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney

Cortex Nos
Myocardium Nos
Tubule

Hyperplasia, Nos
Degeneration, Nos
Inflammation, Acute Suppurative
Nephropathy

Liver

Centrilobular

Cytoplasmic Change, Basophilic
Cytoplasmic Vacuolization

Mammary gland
Nasal cavity
Preputial gland

Turbinates Nos

Hyperplasia, Cystic
Inflammation, Acute/Chronic
Dilatation, Ducts
Inflammation, Acute/Chronic

Testis

Atrophy, Nos
Hyperplasia, Interstitial Cell
Interstitial-Cell Tumor

Thymus
Thyroid

Depletion, Lymphoid
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: 14:40:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_049

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
	Medulla	Pheochromocytoma
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Cyst, Nos
	Tubule	Inflammation, Acute Suppurative
		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Cystic
Parathyroid gland		Hyperplasia, Nos
Pituitary gland	Intermedia	Cyst, Multiple
	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Inflammation, Acute/Chronic
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
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: 14:40:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_050

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Hyperplasia, Nos Pheochromocytoma
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Tubule	Inflammation, Acute Suppurative Nephropathy
Liver	Bile Duct	Cytoplasmic Change, Basophilic Hyperplasia, Nos
Mammary gland		Hyperplasia, Cystic
Nasal cavity	Turbinates Nos	Inflammation, Acute/Chronic
Pancreas	Acinus	Acinar-Cell Adenoma Atrophy, Nos
Pituitary gland	Anterior Pituitary Anterior Pituitary	Cyst, Nos Hyperplasia, Nos
Preputial gland		Inflammation, Acute/Chronic
Testis		Atrophy, Nos Interstitial-Cell Tumor
Thymus		Depletion, Lymphoid
Thyroid		Hyperplasia, C Cell Hyperplasia, Follicular 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: 14:40:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_001

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney

Liver

Pituitary gland

Testis

Thyroid

Unspecified

Bile Duct

Anterior Pituitary

Multiple Organs Nos

Nephropathy

Hyperplasia, Nos

Adenoma, Nos

Atrophy, Nos

Interstitial-Cell Tumor

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: 14:40:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_002

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney	Tubule	Inflammation, Acute Suppurative Nephropathy
Liver		Degeneration, Cystic
	Bile Duct	Hyperplasia, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
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: 14:40:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_003

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney

Tubule

Cyst, Nos
Inflammation, Acute Suppurative
Nephropathy

Liver

Clear-Cell Change
Cytoplasmic Change, Basophilic
Degeneration, Cystic

Spleen

Red Pulp

Fibrosis
Atrophy, Nos
Interstitial-Cell Tumor

Testis

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: 14:40:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_004

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney

Pelvis

Cyst, Nos

Tubule

Hyperplasia, Epithelial

Inflammation, Acute Suppurative

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Degeneration, Cystic

Parathyroid gland

Hyperplasia, Nos

Testis

Atrophy, Nos

Interstitial-Cell Tumor

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: 14:40:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_005

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney		Hyperplasia, Tubular Cell Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
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: 14:40:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_006

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Atrium	Thrombosis, Nos
Kidney		Nephropathy
Liver		Degeneration, Cystic
		Hyperplasia, Focal
Testis		Interstitial-Cell Tumor
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: 14:40:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_007

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney	Tubule	Inflammation, Acute Suppurative Nephropathy
Liver		Cytoplasmic Change, Basophilic Degeneration, Cystic
Testis	Bile Duct	Hyperplasia, Nos Atrophy, Nos Hyperplasia, Interstitial Cell Interstitial-Cell Tumor
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: 14:40:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_008

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Atrium	Thrombosis, Nos
Kidney	Tubule	Inflammation, Acute Suppurative Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Testis		Atrophy, Nos Interstitial-Cell Tumor
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: 14:40:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_009

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Liver

Bile Duct

Hyperplasia, Nos

Testis

Atrophy, Nos

Unspecified

Multiple Organs Nos

Interstitial-Cell Tumor

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: 14:40:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_010

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Pheochromocytoma

Heart

Medulla

Pheochromocytoma, Malignant

Kidney

Atrium

Dilatation, Nos

Liver

Tubule

Inflammation, Acute Suppurative

Nephropathy

Testis

Bile Duct

Hernia, Nos

Hyperplasia, Nos

Centrilobular

Necrosis, Nos

Atrophy, Nos

Unspecified

Multiple Organs Nos

Hyperplasia, Interstitial Cell

Interstitial-Cell Tumor

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: 14:40:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_011

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Liver

Testis

Thyroid

Unspecified

Bile Duct

Multiple Organs Nos

Nephropathy

Hyperplasia, Nos

Atrophy, Nos

Interstitial-Cell Tumor

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: 14:40:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_012

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney	Tubule	Inflammation, Acute Suppurative Nephropathy
Parathyroid gland		Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Testis		Atrophy, Nos Interstitial-Cell Tumor
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: 14:40:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_013

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Jejunum	Congestion, Nos
Kidney	Tubule	Inflammation, Acute Suppurative Nephropathy
Liver		Cytoplasmic Change, Basophilic Degeneration, Cystic
	Bile Duct	Hyperplasia, Nos
	Centrilobular	Necrosis, Nos
Lymph node	Mesenteric Lymph Node	Inflammation, Chronic
Pancreas	Acinus	Atrophy, Nos
Testis		Atrophy, Nos Interstitial-Cell Tumor
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: 14:40:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_014

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Cyst, Nos
	Pelvis	Hyperplasia, Epithelial
	Tubule	Inflammation, Acute Suppurative
		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Degeneration, Cystic
Parathyroid gland		Hyperplasia, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
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: 14:40:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_015

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney	Tubule	Inflammation, Acute Suppurative Nephropathy
Liver		Degeneration, Cystic
	Bile Duct	Hyperplasia, Nos
Testis		Atrophy, Nos Interstitial-Cell Tumor
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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_016

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver	Centrilobular	Necrosis, Nos
Lung		Leukocytosis, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Mesothelioma, 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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_017

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel
Kidney

Artery Nos
Tubule

Mineralization
Inflammation, Acute Suppurative

Liver

Mineralization
Nephropathy

Skin

Bile Duct

Degeneration, Cystic

Spleen

Back

Hyperplasia, Nos

Stomach

Red Pulp

Keratoacanthoma

Testis

Glandular Stomach

Fibrosis

Thyroid

Forestomach

Mineralization

Squamous Cell Papilloma

Atrophy, Nos

Interstitial-Cell Tumor

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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_018

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Nephropathy

Testis

Atrophy, Nos

Interstitial-Cell Tumor

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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_019

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Cecum, Colon	Fibrosarcoma
Kidney	Tubule	Inflammation, Acute Suppurative Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Parathyroid gland		Hyperplasia, Nos
Testis		Atrophy, Nos Interstitial-Cell Tumor
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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_020

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Liver

Degeneration, Cystic

Bile Duct

Hyperplasia, Nos

Testis

Atrophy, Nos

Interstitial-Cell Tumor

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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_021

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Degeneration, Cystic

Bile Duct

Hyperplasia, Nos

Testis

Atrophy, Nos

Interstitial-Cell Tumor

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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_022

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Tubule	Inflammation, Acute Suppurative Nephropathy
Liver		Cytoplasmic Change, Basophilic Degeneration, Cystic
	Bile Duct	Hyperplasia, Nos
Pancreas		Dilatation, Ducts
Skin	Tail	Cyst, Epidermal Inclusion
Spleen		Infarct, Acute
Testis		Atrophy, Nos Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
Unspecified	Multiple Organs Nos	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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_023

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney	Tubule	Inflammation, Acute Suppurative Nephropathy
Liver	Bile Duct	Cytoplasmic Change, Basophilic Hyperplasia, Nos
Testis		Atrophy, Nos Interstitial-Cell Tumor
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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_024

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Degeneration, Cystic

Bile Duct

Hyperplasia, Nos

Pancreas

Acinus

Atrophy, Nos

Spleen

Red Pulp

Fibrosis

Testis

Atrophy, Nos

Hyperplasia, Interstitial Cell

Thyroid

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_025

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
Bone marrow		Fibrosis, Myelo
Intestine Small	Mesentery Nos	Inflammation, Acute/Chronic
Kidney		Nephropathy
Liver	Centrilobular	Cytoplasmic Vacuolization
	Bile Duct	Hyperplasia, Nos
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
Prostate		Inflammation, Acute/Chronic
Testis		Atrophy, 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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_026

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Cyst, Nos

Liver

Nephropathy

Testis

Bile Duct

Degeneration, Cystic

Thyroid

Hyperplasia, Nos

Unspecified

Multiple Organs Nos

Atrophy, Nos

Interstitial-Cell Tumor

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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_027

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Heart	Myocardium Nos	Degeneration, Nos
	Atrium	Thrombosis, Nos
Intestine Small	Mesentery Nos	Inflammation, Acute/Chronic
Kidney		Cyst, Nos
	Tubule	Inflammation, Acute Suppurative
		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Degeneration, Cystic
		Necrosis, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_028

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Mineralization

Liver

Nephropathy

Testis

Degeneration, Cystic

Necrosis, Nos

Atrophy, Nos

Interstitial-Cell Tumor

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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_029

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney	Tubule	Inflammation, Acute Suppurative Nephropathy
Liver		Cytoplasmic Change, Basophilic Degeneration, Cystic
Testis		Atrophy, Nos Interstitial-Cell Tumor
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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_030

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow		Fibrosis, Myelo
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Nasal cavity	Mucosa	Inflammation, Acute
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
Preputial gland		Inflammation, Acute/Chronic
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_031

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney	Tubule	Inflammation, Acute Suppurative Nephropathy
Liver		Cytoplasmic Change, Basophilic Degeneration, Cystic
Testis	Bile Duct	Hyperplasia, Nos Atrophy, Nos Interstitial-Cell Tumor
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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_032

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Intestine Small
Kidney

Mesentery Nos
Tubule

Mesothelioma, Nos
Inflammation, Acute Suppurative
Nephropathy

Liver

Cytoplasmic Change, Basophilic
Neoplastic Nodule

Lung

Inflammation, Acute/Chronic

Skin

Thorax

Trichoepithelioma

Testis

Atrophy, Nos

Interstitial-Cell Tumor

Tunica Vaginalis

Mesothelioma, Nos

Thyroid

Hyperplasia, C Cell

Unspecified

Groin

Inflammation, Acute/Chronic

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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_033

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney	Tubule	Inflammation, Acute Suppurative Nephropathy
Liver	Bile Duct	Cytoplasmic Change, Basophilic Hyperplasia, Nos Neoplastic Nodule
Testis		Atrophy, Nos Interstitial-Cell Tumor
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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_034

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Nos

Medulla

Pheochromocytoma

Kidney

Tubule

Inflammation, Acute Suppurative

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Bile Duct

Hyperplasia, Nos

Spleen

Fibrosarcoma

Testis

Atrophy, Nos

Thyroid

Interstitial-Cell Tumor

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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_035

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Eye	Retina	Atrophy, Nos
	Crystalline Lens	Cataract
Intestine Large	Colon	Fibrosarcoma
Kidney	Tubule	Inflammation, Acute Suppurative
		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Degeneration, Cystic
	Bile Duct	Hyperplasia, Nos
Lymph node	Mesenteric Lymph Node	Hemorrhage
Spleen	Red Pulp	Fibrosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_036

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney	Tubule	Inflammation, Acute Suppurative Nephropathy
Liver		Cytoplasmic Change, Eosinophilic Degeneration, Cystic
Testis	Bile Duct	Hyperplasia, Nos Atrophy, Nos Interstitial-Cell Tumor
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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_037

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Atrium	Thrombosis, Nos
Kidney	Tubule	Inflammation, Acute Suppurative Nephropathy
Liver		Fibrous Histiocytoma, Metastatic Necrosis, Nos
Lung		Fibrous Histiocytoma, Metastatic
Lymph node	Pancreatic Lymph Node	Fibrous Histiocytoma, Metastatic
Testis		Atrophy, Nos Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Tail	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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_038

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Intestine Small
Kidney

Mesentery Nos
Tubule
Capsule

Mesothelioma, Nos
Inflammation, Acute Suppurative
Mesothelioma, Nos
Nephropathy

Liver

Cytoplasmic Change, Basophilic
Degeneration, Cystic

Testis

Bile Duct

Hyperplasia, Nos
Atrophy, Nos
Interstitial-Cell Tumor

Thyroid

Tunica Vaginalis

Mesothelioma, 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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_039

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney	Tubule	Inflammation, Acute Suppurative Nephropathy
Liver		Inflammation, Acute/Chronic
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Testis		Atrophy, Nos Interstitial-Cell Tumor
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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_040

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Liver

Bile Duct

Hyperplasia, Nos

Testis

Necrosis, Nos

Atrophy, Nos

Hyperplasia, Interstitial Cell

Thyroid

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_041

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney	Tubule	Inflammation, Acute Suppurative Nephropathy
Liver		Degeneration, Cystic
Lymph node	Renal Lymph Node	Pigmentation, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Skin	Groin	Cyst, Epidermal Inclusion
Stomach	Forestomach	Inflammation, Acute/Chronic
Testis		Atrophy, Nos Hyperplasia, Interstitial Cell
Thyroid		Interstitial-Cell Tumor 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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_042

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney	Tubule	Inflammation, Acute Suppurative Nephropathy
Liver		Cytoplasmic Change, Basophilic Degeneration, Cystic
	Bile Duct	Hyperplasia, Nos Fibroadenoma
Mammary gland		Atrophy, Nos
Testis		Interstitial-Cell Tumor
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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_043

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Pheochromocytoma, Malignant

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Bile Duct

Hyperplasia, Nos

Lung

Pheochromocytoma, Metastatic

Pancreas

Acinus

Atrophy, Nos

Pituitary gland

Anterior Pituitary

Hyperplasia, Nos

Testis

Interstitial-Cell Tumor

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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_044

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Pheochromocytoma

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Nephropathy

Testis

Atrophy, Nos

Hyperplasia, Interstitial Cell

Thyroid

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_045

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Degeneration, Cystic
Testis		Hyperplasia, Nos
		Atrophy, Nos
Thyroid		Interstitial-Cell Tumor
		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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_046

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney	Tubule	Inflammation, Acute Suppurative Nephropathy
Liver		Congestion, Nos Cytoplasmic Change, Basophilic
Testis	Bile Duct	Hyperplasia, Nos Atrophy, Nos Hyperplasia, Interstitial Cell Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma Hyperplasia, C Cell
Tongue		Squamous Cell Papilloma
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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_047

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney	Tubule	Inflammation, Acute Suppurative Nephropathy
Liver		Cytoplasmic Change, Basophilic Degeneration, Cystic
Testis	Bile Duct	Hyperplasia, Nos Atrophy, Nos Interstitial-Cell Tumor
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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_048

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney	Tubule	Inflammation, Acute Suppurative Nephropathy
Liver		Cytoplasmic Change, Basophilic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen	Red Pulp	Fibrosis
Testis		Atrophy, Nos Interstitial-Cell Tumor
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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_049

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney	Tubule	Inflammation, Acute Suppurative Nephropathy
Liver		Cytoplasmic Change, Basophilic Degeneration, Cystic
Preputial gland		Carcinoma, Nos
Testis		Atrophy, Nos Hyperplasia, Interstitial Cell Interstitial-Cell Tumor
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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_050

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney	Tubule	Inflammation, Acute Suppurative Nephropathy
Liver		Cytoplasmic Change, Basophilic Neoplastic Nodule
Testis		Atrophy, Nos Interstitial-Cell Tumor
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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_001

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney
Liver

Capsule
Myocardium Nos

Hyperplasia, Nos
Degeneration, Nos
Nephropathy
Clear-Cell Change
Cytoplasmic Change, Basophilic

Bile Duct

Hyperplasia, Nos
Inflammation, Acute/Chronic
Inflammation, Acute/Chronic

Nasal cavity
Pancreas
Preputial gland

Turbinates Nos

Acinar-Cell Adenoma
Carcinoma, Nos
Inflammation, Acute/Chronic

Skin
Spleen
Testis

Face
Capsule

Trichoepithelioma
Fibrosis
Atrophy, Nos
Interstitial-Cell Tumor
Depletion, Lymphoid

Thymus

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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_002

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
	Medulla	Hyperplasia, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Mineralization
		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Degeneration, Cystic
	Bile Duct	Hyperplasia, Nos
Preputial gland		Inflammation, Acute/Chronic
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_003

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
Brain		Hemorrhage
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Necrosis, Nos
Pancreas	Acinus	Atrophy, Nos
Preputial gland		Inflammation, Acute/Chronic
Skin	Back	Keratoacanthoma
	Chest	Keratoacanthoma
Stomach	Glandular Stomach	Necrosis, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_004

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney
Liver

Cortex Nos
Myocardium Nos

Hyperplasia, Nos
Degeneration, Nos
Nephropathy
Clear-Cell Change
Cytoplasmic Change, Basophilic
Degeneration, Cystic
Focal Cellular Change

Bile Duct

Hyperplasia, Nos
Hyperplasia, Cystic

Mammary gland
Pituitary gland
Preputial gland
Prostate
Spleen
Testis

Anterior Pituitary

Adenoma, Nos
Inflammation, Acute/Chronic
Inflammation, Acute/Chronic

Red Pulp

Thrombus, Organized
Atrophy, Nos
Interstitial-Cell Tumor
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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_005

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain

Ventricle

Hydrocephalus, Nos

Meningioma

Kidney

Nephropathy

Mammary gland

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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_006

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
	Medulla	Hyperplasia, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Tubule	Inflammation, Acute Suppurative Nephropathy
Liver		Tubular-Cell Adenoma Cytoplasmic Change, Basophilic Hepatocellular Carcinoma
	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Cystic
Preputial gland		Inflammation, Acute/Chronic
Testis		Atrophy, Nos Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Mediastinum Nos	Mesothelioma, 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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_007

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Intermedia	Cyst, Nos
Preputial gland		Inflammation, Acute/Chronic
Prostate		Inflammation, Acute/Chronic
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_008

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Rectum	Parasitism
Kidney		Nephropathy
Liver		Degeneration, Cystic
	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Cystic
Nasal cavity	Turbinates Nos	Inflammation, Acute/Chronic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Inflammation, Acute/Chronic
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_009

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
	Medulla	Hyperplasia, Nos
Brain	Cerebellum Nos	Astrocytoma
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Cystic
Nasal cavity	Turbinate Nos	Inflammation, Acute/Chronic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
Preputial gland		Inflammation, Acute/Chronic
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thymus		Depletion, Lymphoid
Thyroid		C-Cell Adenoma
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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_010

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Nos

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Nephropathy

Liver

Bile Duct

Hyperplasia, Nos

Mammary gland

Hyperplasia, Cystic

Nasal cavity

Turbinate Nos

Inflammation, Acute/Chronic

Preputial gland

Inflammation, Acute/Chronic

Testis

Atrophy, Nos

Thyroid

Interstitial-Cell Tumor

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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_011

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
	Medulla	Hyperplasia, Nos
Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Rectum	Parasitism
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Cystic
Nasal cavity	Turbinate Nos	Hyperplasia, Epithelial
	Turbinate Nos	Inflammation, Acute/Chronic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Inflammation, Acute/Chronic
Prostate		Inflammation, Acute/Chronic
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_012

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain		Inflammation, Acute/Chronic
Ear	Internal Ear	Inflammation, Acute/Chronic
	Middle Ear	Inflammation, Acute/Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Pancreas	Acinus	Atrophy, Nos
	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Cyst, Nos
Testis		Hyperplasia, Interstitial Cell
Thymus		Depletion, Lymphoid
Thyroid		Hyperplasia, C Cell
Zymbal gland		Carcinoma, 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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_013

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
	Medulla	Hyperplasia, Nos
Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Mesentery Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Cytoplasmic Change, Eosinophilic
		Degeneration, Cystic
		Necrosis, Nos
Mammary gland		Hyperplasia, Cystic
Nasal cavity	Turbinate Nos	Inflammation, Acute/Chronic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Inflammation, Acute/Chronic
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_014

TRT#: 3

SEX: Male

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, Eosinophilic
	Bile Duct	Hyperplasia, Nos
Lung		Alveolar/Bronchiolar Carcinoma
Mammary gland		Hyperplasia, Cystic
Nasal cavity	Turbinate Nos	Inflammation, Acute/Chronic
Pancreas	Acinus	Atrophy, Nos
Preputial gland		Inflammation, Acute/Chronic
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_015

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Periadrenal Tissue	Fibroma
	Cortex Nos	Hyperplasia, Nos
	Medulla	Hyperplasia, Nos
Eye	Retina	Atrophy, Nos
	Crystalline Lens	Cataract
Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Rectum	Parasitism
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Cystic
Nasal cavity	Turbinate Nos	Inflammation, Acute/Chronic
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Inflammation, Acute/Chronic
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_016

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
		Nephrosis, Hydro
Pancreas	Acinus	Atrophy, Nos
Testis		Hyperplasia, Interstitial Cell
Thyroid		Hyperplasia, C Cell
Unspecified	Abdomen	Fibrosarcoma
Ureter		Inflammation, Acute/Chronic

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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_017

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
	Medulla	Pheochromocytoma
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
		Nephrosis, Hydro
Liver		Tubular Adenocarcinoma
		Cytoplasmic Change, Basophilic
		Degeneration, Cystic
		Hepatocellular Carcinoma
	Bile Duct	Hyperplasia, Nos
		Inflammation, Acute/Chronic
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Parathyroid gland		Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Inflammation, Acute/Chronic
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_018

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain		Hemorrhage
Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Duodenum	Inflammation, Acute Focal
	Duodenum	Necrosis, Focal
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Nasal cavity	Turbinates Nos	Hyperplasia, Epithelial
	Turbinates Nos	Inflammation, Acute/Chronic
Preputial gland		Inflammation, Acute/Chronic
Skin	Hand And Finger	Keratoacanthoma
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_019

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Brain		Hemorrhage
Harderian gland	Harderian Gland	Hyperplasia, Epithelial
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Cystic
Preputial gland		Inflammation, Acute/Chronic
Testis		Atrophy, Nos
Thyroid		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_020

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hypertrophy, Nos
Eye	Nasolacrimal Duct	Squamous Cell Carcinoma
Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Mesentery Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Degeneration, Cystic
		Hematopoiesis
	Bile Duct	Hyperplasia, Nos
Lung		Hyperplasia, Epithelial
		Lymphocytic Inflammatory Infiltrate
Preputial gland		Inflammation, Acute/Chronic
Prostate		Inflammation, Acute/Chronic
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
	Tunica Vaginalis	Mesothelioma, Nos
Thymus		Depletion, Lymphoid
Thyroid		C-Cell Adenoma
Trachea		Inflammation, Chronic

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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_021

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
Blood vessel	Splenic Artery	Thrombosis, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Inflammation, Acute/Chronic
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_022

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Nos

Esophagus

Periesophageal Tissue

Perivasculitis

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Cytoplasmic Change, Eosinophilic

Degeneration, Cystic

Bile Duct

Hyperplasia, Nos

Mammary gland

Hyperplasia, Cystic

Spleen

Red Pulp

Hematopoiesis

Testis

Atrophy, Nos

Hyperplasia, Interstitial Cell

Interstitial-Cell Tumor

Unspecified

Chest

Fibroma

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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_023

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney
Liver
Preputial gland
Testis

Medulla
Myocardium Nos

Bile Duct

Thyroid
Unspecified

Multiple Organs Nos

Pheochromocytoma
Degeneration, Nos
Nephropathy
Hyperplasia, Nos
Inflammation, Acute/Chronic
Atrophy, Nos
Interstitial-Cell Tumor
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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_024

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Carcinoma, Nos
Preputial gland		Inflammation, Acute/Chronic
Prostate		Inflammation, Acute/Chronic
Skin	Thigh	Keratoacanthoma
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_025

TRT#: 3

SEX: Male

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
		Degeneration, Cystic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Hemorrhage, Chronic
Preputial gland		Inflammation, Acute/Chronic
Spleen	Red Pulp	Fibrosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_026

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Capsule Medulla	Ectopia Pheochromocytoma
Brain		Necrosis, Nos
Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Colon	Parasitism
Kidney	Tubule	Inflammation, Acute Suppurative Nephropathy
Liver	Centrilobular	Cytoplasmic Change, Basophilic Cytoplasmic Vacuolization Degeneration, Cystic
Nasal cavity	Turbinates Nos	Inflammation, Acute/Chronic
Pituitary gland	Anterior Pituitary Anterior Pituitary	Adenoma, Nos Cyst, Nos
Preputial gland		Inflammation, Acute/Chronic
Prostate		Inflammation, Acute/Chronic
Testis		Atrophy, Nos Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Urinary bladder		Inflammation, Acute/Chronic

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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_027

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Cortex Nos Medulla	Hyperplasia, Nos Metamorphosis, Fatty Pheochromocytoma
Blood vessel	Sup.Panc-Duod.Artery	Inflammation, Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Tubule	Inflammation, Acute Suppurative Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Alveolar/Bronchiolar Adenoma Inflammation, Chronic
Lymph node	Mandibular Lymph Node	Plasmacytosis
Mammary gland		Hyperplasia, Cystic
Nasal cavity	Turbinates Nos	Inflammation, Acute/Chronic
Pituitary gland	Anterior Pituitary Anterior Pituitary	Cyst, Nos Hyperplasia, Nos
Preputial gland		Inflammation, Acute/Chronic
Testis		Atrophy, Nos Interstitial-Cell Tumor
Thymus		Depletion, Lymphoid
Thyroid		C-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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_028

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Pericardium Nos	Alveolar/Bronchiolar Carcinoma, Invasive
Kidney		Nephropathy
Lung		Alveolar/Bronchiolar Carcinoma
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Mediastinum Nos	Alveolar/Bronchiolar Carcinoma, Invasive

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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_029

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Congestion, Nos
		Cytoplasmic Change, Basophilic
		Degeneration, Cystic
Mammary gland		Hyperplasia, Cystic
Preputial gland		Inflammation, Acute/Chronic
Prostate		Inflammation, Acute/Chronic
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_030

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
	Cortex Nos	Metamorphosis, Fatty
	Medulla	Pheochromocytoma
Bone	Maxilla	Inflammation, Acute/Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Lung		C-Cell Carcinoma, Metastatic
Lymph node	Mandibular Lymph Node	C-Cell Carcinoma, Metastatic
Nasal cavity	Turbinates Nos	Inflammation, Acute/Chronic
Preputial gland		Inflammation, Acute/Chronic
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thymus		Depletion, Lymphoid
Thyroid		C-Cell Carcinoma
		Hyperplasia, C Cell
Unspecified	Mediastinum Nos	C-Cell Carcinoma, Invasive
	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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_031

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
	Medulla	Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Thrombus, Organized
Heart	Myocardium Nos	Degeneration, Nos
	Atrium	Thrombosis, Nos
Kidney		Nephropathy
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Inflammation, Acute/Chronic
Stomach	Forestomach	Inflammation, Acute/Chronic
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_032

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain		Atrophy, Pressure
	Ventricle	Hydrocephalus, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
		Tubular-Cell Adenoma
Liver		Cytoplasmic Change, Basophilic
		Degeneration, Cystic
	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Cystic
Nasal cavity	Turbinate Nos	Inflammation, Acute/Chronic
Peritoneum	Visceral Peritoneum	Inflammation, Pyogranulomatous
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Inflammation, Acute/Chronic
Prostate		Inflammation, Acute/Chronic
Skin	Nose	Hyperkeratosis
Stomach	Pylorus	Hyperplasia, Epithelial
	Forestomach	Inflammation, Acute/Chronic
	Glandular Stomach	Mineralization
Testis		Hyperplasia, Interstitial Cell
Thyroid		Follicular-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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_033

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Nos
	Cortex Nos	Hyperplasia, Nos
	Medulla	Pheochromocytoma
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Degeneration, Cystic
	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Cyst, Multiple
Preputial gland		Inflammation, Acute/Chronic
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_034

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla Medulla	Degeneration, Nos Hyperplasia, Nos Pheochromocytoma
Bone marrow		Fibrosis, Myelo
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Pelvis	Hyperplasia, Epithelial Nephropathy
Liver		Cytoplasmic Change, Basophilic Degeneration, Cystic
	Bile Duct	Hyperplasia, Nos
Parathyroid gland		Hyperplasia, Nos
Pituitary gland	Anterior Pituitary Anterior Pituitary	Adenoma, Nos Hyperplasia, Nos
Preputial gland		Inflammation, Acute/Chronic
Skin	Abdomen Abdomen	Acanthosis Hyperkeratosis
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Mineralization
Urinary bladder	Mucosa	Hyperplasia, Epithelial

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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_035

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain	Ventricle	Hydrocephalus, Nos
	Meninges	Neurofibrosarcoma, Invasive
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Chronic
Pituitary gland		Neurofibrosarcoma
Stomach	Forestomach	Acanthosis
	Forestomach	Hyperkeratosis
	Glandular Stomach	Inflammation, Acute/Chronic
	Submucosa	Inflammation, Acute/Chronic
	Forestomach	Ulcer, Acute
Testis		Atrophy, 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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_036

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Mesentery Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver		Degeneration, Cystic
	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Cyst, Multiple
	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Inflammation, Acute/Chronic
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
	Tunica Vaginalis	Interstitial-Cell Tumor
Thymus		Mesothelioma, Nos
Thyroid		Depletion, Lymphoid
		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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_037

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Cortical Adenoma
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Cystic
Nasal cavity	Turbinates Nos	Inflammation, Acute/Chronic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Adenoma, Nos
Prostate		Inflammation, Acute/Chronic
Skin	Nose	Keratoacanthoma
Spleen	Red Pulp	Fibrosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_038

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Tubule	Inflammation, Acute Suppurative Nephropathy
Liver		Cytoplasmic Change, Basophilic
Mammary gland	Bile Duct	Hyperplasia, Nos
Pituitary gland		Hyperplasia, Cystic
Preputial gland	Intermedia	Hyperplasia, Focal
Testis		Inflammation, Acute/Chronic
Thymus		Atrophy, Nos
Thyroid		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Depletion, Lymphoid 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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_039

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Duodenum	Necrosis, Focal
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Nasal cavity	Turbinate Nos	Inflammation, Acute/Chronic
Pancreas		Dilatation, Ducts
Preputial gland		Inflammation, Acute/Chronic
Testis		Atrophy, Nos
Thymus		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Depletion, Lymphoid
		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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_040

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Hyperplasia, Nos Pheochromocytoma
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Tubule	Inflammation, Acute Suppurative Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Pancreas		Acinar-Cell Adenoma
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Inflammation, Acute/Chronic
Spleen	Red Pulp	Fibrosis
Testis		Atrophy, Nos Interstitial-Cell Tumor
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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_041

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain		Atrophy, Pressure
	Ventricle	Hydrocephalus, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Inflammation, Acute/Chronic
	Centrilobular	Necrosis, Nos
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen	Red Pulp	Hyperplasia, Reticulum Cell
Stomach	Glandular Stomach	Edema, Nos
Thymus		Depletion, Lymphoid

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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_042

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Degeneration, Cystic
	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Multiple
Preputial gland		Inflammation, Acute/Chronic
Prostate		Inflammation, Acute/Chronic
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_043

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain	Cerebrum	Oligodendroglioma
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Mammary gland		Hyperplasia, Cystic
Testis		Interstitial-Cell Tumor
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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_044

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone	Cervical Vertebra Other	Osteosarcoma
Epididymis		Inflammation, Acute/Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_045

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Colon	Parasitism
Kidney	Tubule	Inflammation, Acute Suppurative Nephropathy
Liver	Bile Duct	Cytoplasmic Change, Basophilic Hyperplasia, Nos Inflammation, Acute/Chronic
Mammary gland		Hyperplasia, Cystic
Nasal cavity	Turbinates Nos	Inflammation, Acute/Chronic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Inflammation, Acute/Chronic
Testis		Atrophy, Nos Interstitial-Cell Tumor
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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_046

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Ganglioneuroma
Epididymis		Inflammation, Acute/Chronic
Eye	Retina	Atrophy, Nos
	Crystalline Lens	Cataract
Heart	Epicardium	Alveolar/Bronchiolar Carcinoma, Invasive
	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Alveolar/Bronchiolar Carcinoma
Mammary gland		Hyperplasia, Cystic
Testis		Atrophy, Nos
Thyroid		Hyperplasia, Interstitial Cell
Unspecified	Mediastinum Nos	Hyperplasia, C Cell
		Alveolar/Bronchiolar Carcinoma, Invasive

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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_047

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Rectum	Parasitism
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Preputial gland		Inflammation, Acute/Chronic
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_048

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney	Tubule	Inflammation, Acute Suppurative Nephropathy
Liver	Centrilobular Bile Duct	Degeneration, Nos Hyperplasia, Nos
Lung		Squamous Cell Carcinoma, Metastatic
Lymph node	Mediastinal Lymph Node	Squamous Cell Carcinoma, Metastatic
Pancreas	Acinus	Atrophy, Nos
Stomach	Forestomach	Squamous Cell Carcinoma
Testis		Hyperplasia, Interstitial Cell Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma Hyperplasia, C Cell
Unspecified	Abdominal Cavity	Squamous Cell Carcinoma, Invasive

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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_049

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Colon	Parasitism
Kidney	Tubule	Inflammation, Acute Suppurative
Liver		Nephropathy
		Clear-Cell Change
		Cytoplasmic Change, Basophilic
	Centrilobular	Cytoplasmic Vacuolization
	Bile Duct	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Hyperplasia, Nos
Spleen	Red Pulp	Hematopoiesis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
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: 14:40:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_050

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Degeneration, Nos Pheochromocytoma
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Inflammation, Acute/Chronic
Spleen	Red Pulp	Fibrosis
Testis		Atrophy, Nos Hyperplasia, Interstitial Cell Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****

* PROTOCOL REQUIRED TISSUE