

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:45

First Dose M/F: NA / NA

Lab: NA

C Number: C56166

Cage Range: All

Date Range: All

Reasons For Removal: All

Removal Date Range: All

Treatment Groups: All

Study Gender: Male

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_001

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nodular
Eye	Nasolacrimal Duct	Inflammation, Chronic
Heart		Neurilemoma, Malignant
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Liver	Intrahepatic Bile Duct	Hyperplasia, Nos
Lung		Perivascular Cuffing
Nasal cavity	Nose Nos	Degeneration, Hyaline
Pituitary gland		Adenoma, Nos
Preputial gland		Inflammation, Chronic
Prostate		Inflammation, Acute/Chronic
Spleen		Hemosiderosis
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzofuran
CAS Number: 271-89-6

Date Report Requested: 10/26/2014
Time Report Requested: 13:41:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_002

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Blood		Leukocytosis, Nos
Kidney		Nephropathy
Liver	Intrahepatic Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Interstitial
Pancreas	Islets	Islet-Cell Adenoma
Pituitary gland		Hyperplasia, Chromophobe Cell
Preputial gland		Adenoma, Nos
Prostate		Degeneration, Cystic
Spleen		Hematopoiesis
Testis		Hyperplasia, Interstitial Cell
Thyroid		Cyst, Ultimobranchial
		Cystic Follicles
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
	Neck	Neurilemoma, Malignant

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_003

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver	Intrahepatic Bile Duct	Hyperplasia, Nos
Lung		Perivascular Cuffing
Nasal cavity	Nose Nos	Degeneration, Hyaline
Pituitary gland		Hyperplasia, Chromophobe Cell
Prostate		Inflammation, Acute/Chronic
Skin		Keratoacanthoma
Spleen		Hemosiderosis
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_004

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
	Medulla	Pheochromocytoma
Kidney	Cortex	Cyst, Nos
	Pelvis	Hyperplasia, Papillary
		Nephropathy
Liver		Clear-Cell Change
	Intrahepatic Bile Duct	Hyperplasia, Nos
Lung		Hemorrhage
		Perivascular Cuffing
Mammary gland		Fibroadenoma
Nasal cavity	Nose Nos	Inflammation, Acute/Chronic
Parathyroid gland		Hyperplasia, Nos
Preputial gland		Inflammation, Chronic
Prostate		Degeneration, Cystic
		Inflammation, Chronic
Spleen		Hemosiderosis
Stomach	Forestomach	Hyperplasia, Epithelial
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_005

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Epididymis		Cytoplasmic Vacuolization
Eye	Nasolacrimal Duct	Inflammation, Chronic
Heart	Myocardium Nos	Fibrosis
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Liver		Focal Cellular Change
	Intrahepatic Bile Duct	Hyperplasia, Nos
Lung		Perivascular Cuffing
Nasal cavity	Nose Nos	Degeneration, Hyaline
Pancreas		Atrophy, Focal
		Hyperplasia, Nodular
Pituitary gland		Adenoma, Nos
Preputial gland		Inflammation, Chronic
Prostate		Inflammation, Chronic
Salivary gland		Atrophy, Nos
Spleen		Hemosiderosis
Testis		Interstitial-Cell Tumor
Thyroid		Cystic Follicles
Unspecified	Mediastinum Nos	Inflammation, Chronic
	Abdominal Cavity	Paraganglioma, Nos

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_006

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Bone marrow		Fibrosis
Epididymis		Cytoplasmic Vacuolization
Kidney		Nephropathy
Liver		Degeneration, Nos
	Intrahepatic Bile Duct	Hyperplasia, Nos
Nasal cavity	Nose Nos	Degeneration, Hyaline
Pancreas		Atrophy, Focal
Preputial gland		Inflammation, Chronic
Spleen		Hemosiderosis
Stomach	Forestomach	Hyperplasia, Epithelial
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_007

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
	Cortex Nos	Hyperplasia, Nodular
Epididymis		Cytoplasmic Vacuolization
Eye	Nasolacrimal Duct	Inflammation, Chronic
Heart	Myocardium Nos	Fibrosis
Kidney		Nephropathy
Liver		Focal Cellular Change
		Hernia, Nos
		Hyperplasia, Nodular
	Intrahepatic Bile Duct	Hyperplasia, Nos
Mammary gland		Fibroadenoma
Nasal cavity	Nose Nos	Degeneration, Hyaline
Pancreas		Atrophy, Focal
Preputial gland		Inflammation, Acute/Chronic
Spleen		Hemosiderosis
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_008

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Cortical Adenoma
Kidney		Hyperplasia, Atypical Nephropathy
Liver	Intrahepatic Bile Duct	Hyperplasia, Nos
Lung		Hyperplasia, Adenomatous
Mammary gland		Fibroadenoma
Nasal cavity	Nose Nos	Degeneration, Hyaline
	Nose Nos	Inflammation, Acute
Pancreas		Hyperplasia, Nodular
Pituitary gland		Adenoma, Nos Cyst, Nos Hyperplasia, Chromophobe Cell
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Hyperplasia, Epithelial Neurilemoma, Metastatic
Testis		Hyperplasia, Interstitial Cell Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell Neurilemoma, Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_009

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Kidney

Medulla
Pelvis

Cyst, Nos
Hyperplasia, Papillary
Nephropathy
Hyperplasia, Nos
Hyperplasia, Chromophobe Cell
Inflammation, Chronic
Hemosiderosis
Interstitial-Cell Tumor
Neurilemoma, Malignant

Liver
Pituitary gland
Preputial gland
Spleen
Testis
Unspecified

Intrahepatic Bile Duct

Neck

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_010

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Epididymis		Cytoplasmic Vacuolization
Heart		Neurilemoma, Malignant
Intestine Large	Cecum, Colon	Adenocarcinoma, Nos
	Colon	Adenocarcinoma, Nos
Kidney		Nephropathy
Lung		Alveolar/Bronchiolar Carcinoma
		Inflammation, Interstitial
Lymph node	Pancreatic Lymph Node	Lymphangiectasis
Nasal cavity	Nose Nos	Degeneration, Hyaline
Pituitary gland		Hyperplasia, Chromophobe Cell
Preputial gland		Inflammation, Acute/Chronic
Prostate		Atrophy, Nos
Seminal vesicle		Atrophy, Nos
Spleen		Hemosiderosis
Stomach	Pylorus	Hyperplasia, Adenomatous
	Forestomach	Hyperplasia, Epithelial
	Forestomach	Squamous Cell Papilloma
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Neurilemoma, Metastatic

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_011

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney

Cortex Nos
Myocardium Nos

Metamorphosis, Fatty
Fibrosis
Infarct, Focal
Nephropathy

Liver

Intrahepatic Bile Duct

Degeneration, Nos
Hyperplasia, Nos

Mammary gland

Hyperplasia, Cystic

Nasal cavity

Nose Nos

Degeneration, Hyaline

Pituitary gland

Adenoma, Nos

Prostate

Degeneration, Mucoïd

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_012

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
	Intrahepatic Bile Duct	Hyperplasia, Nos
Lung		Hyperplasia, Adenomatous
		Perivascular Cuffing
Nasal cavity	Nose Nos	Degeneration, Hyaline
	Nose Nos	Hemorrhage
Pancreas		Atrophy, Focal
Pituitary gland		Adenoma, Nos
		Hyperplasia, Chromophobe Cell
Preputial gland		Inflammation, Chronic
Spleen		Hemosiderosis
Testis		Interstitial-Cell Tumor
Thyroid		Cystic Follicles

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_013

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
	Medulla	Thrombosis, Nos
Blood		Leukocytosis, Nos
Blood vessel	Pulmonary Artery Nos	Mineralization
Eye	Nasolacrimal Duct	Inflammation, Acute/Chronic
Heart	Myocardium Nos	Fibrosis
Intestine Small	Duodenum	Inflammation, Acute
Kidney		Nephropathy
Liver	Intrahepatic Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
Mammary gland		Hyperplasia, Cystic
Nasal cavity	Nose Nos	Degeneration, Hyaline
Pancreas		Adenoma, Nos
		Atrophy, Focal
Pituitary gland		Adenoma, Nos
Preputial gland		Inflammation, Chronic
Prostate		Degeneration, Cystic
		Inflammation, Acute/Chronic
Salivary gland		Neurilemoma, Malignant
Spleen		Hemosiderosis
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Ulcer, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_014

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Dosing Accident

HISTO:

OBSERVATIONS

Heart
Intestine Large
Kidney
Lung

Myocardium Nos
Colon

Fibrosis
Parasitism
Nephropathy
Foreign Material, Nos
Hemorrhage
Degeneration, Cystic
Hemosiderosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzofuran
CAS Number: 271-89-6

Date Report Requested: 10/26/2014
Time Report Requested: 13:41:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_015

TRT#: 1
DOSE: 060.0 MG/KG

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Bone marrow		Hyperplasia, Erythroid
Epididymis		Inflammation, Granulomatous Focal
Kidney		Nephropathy
Liver	Intrahepatic Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Interstitial
		Squamous Cell Carcinoma
Lymph node	Mediastinal Lymph Node	Hemorrhage
		Squamous Cell Carcinoma, Metastatic
Prostate	Coagulating Gland	Inflammation, Acute Focal
Spleen		Erythropoiesis
		Hemosiderosis
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Unspecified	Mediastinum Nos	Inflammation, Chronic Diffuse
	Diaphragm Nos	Squamous Cell Carcinoma, Metastatic

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_016

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Ectopia Hyperplasia, Focal
Heart	Myocardium Nos Myocardium Nos	Fibrosis Inflammation, Chronic
Kidney	Cortex Pelvis	Cyst, Nos Hyperplasia, Papillary Nephropathy
Liver	Intrahepatic Bile Duct	Hyperplasia, Nos
Nasal cavity	Nose Nos	Degeneration, Hyaline
Pancreas		Atrophy, Focal
Pituitary gland		Adenoma, Nos
Preputial gland		Inflammation, Chronic
Prostate		Inflammation, Acute/Chronic
Spleen		Hemosiderosis
Stomach	Forestomach Forestomach	Hyperplasia, Epithelial Inflammation, Chronic
Testis		Hyperplasia, Interstitial Cell Interstitial-Cell Tumor
Unspecified	Ear Neck	Granular-Cell Tumor, Nos Neurilemoma, Malignant

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_017

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney		Inflammation, Acute Nephropathy
Liver	Intrahepatic Bile Duct	Hyperplasia, Nos Necrosis, Focal
Lymph node		Congestion, Nos
Spleen		Hemosiderosis
Unspecified	Multiple Organs Nos	Inflammation, Acute Focal
	Abdominal Cavity	Inflammation, Acute/Chronic
	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_018

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nodular
	Cortex Nos	Metamorphosis, Fatty
Eye	Nasolacrimal Duct	Inflammation, Chronic
Kidney		Nephropathy
Liver		Necrosis, Diffuse
Nasal cavity	Nose Nos	Degeneration, Hyaline
Pancreas		Atrophy, Focal
Pituitary gland		Adenoma, Nos
Preputial gland		Inflammation, Chronic
Prostate		Inflammation, Acute
Spleen		Hemosiderosis
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_019

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Epididymis		Inflammation, Chronic
Eye	Nasolacrimal Duct	Inflammation, Chronic
Heart	Myocardium Nos	Fibrosis
Kidney		Nephropathy
Liver	Intrahepatic Bile Duct	Hyperplasia, Nos
Pancreas		Atrophy, Focal
Pituitary gland		Adenoma, Nos
Preputial gland		Inflammation, Chronic
Prostate		Inflammation, Chronic
Spleen		Hemosiderosis
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Ulcer, Nos
Testis		Interstitial-Cell Tumor
	Tunica Vaginalis	Mesothelioma, Nos
Thyroid		Cystic Follicles
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_020

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel	Pulmonary Artery Nos	Mineralization
Esophagus		Ulcer, Nos
Heart	Myocardium Nos	Fibrosis
Kidney		Nephropathy
Lung		Bronchopneumonia, Acute
Lymph node		Inflammation, Acute/Chronic
Nasal cavity	Nose Nos	Inflammation, Acute
Preputial gland		Inflammation, Chronic
Prostate		Inflammation, Acute/Chronic
Spleen		Hemosiderosis
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Ulcer, Nos
Testis		Hyperplasia, Interstitial Cell
Thyroid		Cystic Follicles
Unspecified	Thigh	Fibroma

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_021

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
	Cortex Nos	Hyperplasia, Nodular
	Medulla	Pheochromocytoma
Bone		Fibrous Osteodystrophy
Epididymis		Cytoplasmic Vacuolization
Heart	Myocardium Nos	Fibrosis
	Myocardium Nos	Inflammation, Chronic
Kidney	Cortex	Cyst, Nos
		Nephropathy
Liver	Intrahepatic Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
		Inflammation, Interstitial
		Perivascular Cuffing
Nasal cavity	Nose Nos	Degeneration, Hyaline
Parathyroid gland		Hyperplasia, Nos
Preputial gland		Inflammation, Chronic
Prostate		Inflammation, Acute
Spleen		Hemosiderosis
Stomach	Forestomach	Hyperplasia, Epithelial
Testis		Interstitial-Cell Tumor
Tongue		Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_022

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Ectopia
Epididymis		Inflammation, Chronic
Eye	Lens, Cortex	Cataract
	Retina	Degeneration, Nos
		Degeneration, Nos
Kidney		Nephropathy
Liver	Intrahepatic Bile Duct	Hyperplasia, Nos
Nasal cavity	Nose Nos	Degeneration, Hyaline
Pancreas	Islets	Metaplasia, Nos
Preputial gland		Inflammation, Chronic
Spleen		Hemosiderosis
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_023

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Metamorphosis, Fatty Pheochromocytoma
Epididymis		Cytoplasmic Vacuolization
Eye	Nasolacrimal Duct	Inflammation, Chronic
Kidney		Nephropathy
Liver	Intrahepatic Bile Duct Centrilobular	Hyperplasia, Nos Metamorphosis, Fatty
Lung		Hyperplasia, Adenomatous Inflammation, Interstitial
Lymph node	Mediastinal Lymph Node	Mastocytosis
Nasal cavity	Nose Nos	Degeneration, Hyaline
Pituitary gland		Adenoma, Nos Hyperplasia, Chromophobe Cell
Preputial gland		Inflammation, Chronic
Prostate		Inflammation, Acute
Spleen		Hematopoiesis Hemosiderosis
Stomach	Forestomach Forestomach Glandular Stomach	Hyperplasia, Epithelial Inflammation, Chronic Inflammation, Chronic
Testis		Interstitial-Cell Tumor
Unspecified	Abdominal Cavity Abdominal Cavity	Inflammation, Acute/Chronic Neurilemoma, Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzofuran
CAS Number: 271-89-6

Date Report Requested: 10/26/2014
Time Report Requested: 13:41:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_024

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
	Cortex Nos	Hyperplasia, Nodular
Epididymis		Cytoplasmic Vacuolization
Eye	Nasolacrimal Duct	Inflammation, Chronic
Kidney		Nephropathy
Liver		Hyperplasia, Nodular
Nasal cavity	Nose Nos	Degeneration, Hyaline
Pancreas		Atrophy, Focal
	Islets	Atrophy, Nos
	Islets	Islet-Cell Adenoma
Preputial gland		Inflammation, Acute/Chronic
Spleen		Hemosiderosis
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_025

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Lung		Hyperplasia, Adenomatous
Nasal cavity	Nose Nos	Degeneration, Hyaline
Pancreas		Atrophy, Focal
Pituitary gland		Adenoma, Nos
Spleen		Hemosiderosis
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_026

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Epididymis		Cytoplasmic Vacuolization
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
	Intrahepatic Bile Duct	Hyperplasia, Nos
Lung		Hemorrhage
		Hyperplasia, Adenomatous
Nasal cavity	Nose Nos	Inflammation, Interstitial
Pituitary gland		Degeneration, Hyaline
		Adenoma, Nos
		Cyst, Nos
Preputial gland		Hyperplasia, Chromophobe Cell
Prostate		Inflammation, Chronic
Salivary gland		Inflammation, Acute/Chronic
Skin		Neurilemoma, Malignant
Spleen		Keratoacanthoma
Stomach	Forestomach	Hemosiderosis
Testis		Hyperplasia, Epithelial
Thyroid		Interstitial-Cell Tumor
		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_027

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain		Hemorrhage
Eye	Nasolacrimal Duct	Inflammation, Chronic
Kidney		Nephropathy
Liver		Degeneration, Nos
Nasal cavity	Nose Nos	Degeneration, Hyaline
Pancreas	Islets	Islet-Cell Adenoma
Preputial gland		Inflammation, Chronic
Prostate		Degeneration, Cystic
Salivary gland		Atrophy, Nos
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_028

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Bone marrow		Fibrosis
Eye	Nasolacrimal Duct	Inflammation, Chronic
Kidney	Cortex	Cyst, Nos
	Pelvis	Hyperplasia, Papillary
		Nephropathy
Liver	Intrahepatic Bile Duct	Hyperplasia, Nos
Nasal cavity	Nose Nos	Degeneration, Hyaline
Pancreas		Adenoma, Nos
		Atrophy, Focal
		Hyperplasia, Nodular
Pituitary gland		Cyst, Nos
		Hyperplasia, Chromophobe Cell
Prostate		Inflammation, Chronic
Spleen		Hemosiderosis
Testis		Interstitial-Cell Tumor
Thyroid		Cystic Follicles
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_029

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Brain		Hemorrhage
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Degeneration, Nos
Nasal cavity	Nose Nos	Inflammation, Acute
Pancreas		Atrophy, Focal
Pituitary gland		Cyst, Nos
Preputial gland		Inflammation, Chronic
Spleen		Hemosiderosis
Testis		Interstitial-Cell Tumor
Thyroid		Follicular-Cell Carcinoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzofuran
CAS Number: 271-89-6

Date Report Requested: 10/26/2014
Time Report Requested: 13:41:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_030

TRT#: 1
DOSE: 060.0 MG/KG

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Bone marrow		Hyperplasia, Granulocytic
Heart	Myocardium Nos	Fibrosis
Kidney		Nephropathy
Liver		Pleomorphism
Lung		Inflammation, Interstitial
Nasal cavity	Nose Nos	Degeneration, Hyaline
Preputial gland		Inflammation, Acute/Chronic
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Unspecified	Hip	Fibroma
	Multiple Organs Nos	Perivascular Cuffing

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56166
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzofuran
CAS Number: 271-89-6

Date Report Requested: 10/26/2014
Time Report Requested: 13:41:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_031

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Epididymis		Cytoplasmic Vacuolization
Intestine Small	Mesentery Nos	Necrosis, Fat
Kidney	Cortex	Cyst, Nos
		Nephropathy
Liver		Focal Cellular Change
	Intrahepatic Bile Duct	Hyperplasia, Nos
Nasal cavity	Nose Nos	Inflammation, Acute
Pancreas		Atrophy, Focal
Pituitary gland		Cyst, Nos
		Hyperplasia, Chromophobe Cell
Preputial gland		Inflammation, Chronic
Salivary gland		Degeneration, Nos
Spleen		Hemosiderosis
Testis		Interstitial-Cell Tumor
Thyroid	Follicle	Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_032

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Metamorphosis, Fatty

Liver

Intrahepatic Bile Duct

Hyperplasia, Nos

Spleen

Hemosiderosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_033

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Blood		Leukocytosis, Nos
Epididymis		Cytoplasmic Vacuolization
Kidney		Nephropathy
Liver	Intrahepatic Bile Duct	Hyperplasia, Nos
Lung		Perivascular Cuffing
Mammary gland		Hyperplasia, Cystic
Nasal cavity	Nose Nos	Degeneration, Hyaline
Pancreas		Atrophy, Focal
		Hyperplasia, Nodular
Pituitary gland		Adenoma, Nos
Preputial gland		Inflammation, Chronic
Prostate		Inflammation, Acute
Spleen		Hemosiderosis
		Hyperplasia, Lymphoid
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_034

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Blood		Leukocytosis, Nos
Epididymis		Cytoplasmic Vacuolization
Esophagus		Squamous Cell Papilloma
Heart	Myocardium Nos	Fibrosis
	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
	Intrahepatic Bile Duct	Hyperplasia, Nos
	Periportal	Metamorphosis, Fatty
Lung		Inflammation, Interstitial
		Perivascular Cuffing
Nasal cavity	Nose Nos	Hyperplasia, Papillary
	Nose Nos	Inflammation, Acute/Chronic
Pancreas		Atrophy, Focal
Pituitary gland		Cyst, Nos
Preputial gland		Inflammation, Chronic
Prostate		Inflammation, Acute
Spleen		Fibrosis
		Hemosiderosis
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Chronic
	Forestomach	Ulcer, Nos
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
Unspecified	Axilla	Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_035

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Blood vessel	Pulmonary Artery Nos	Mineralization
Bone		Fibrous Osteodystrophy
Epididymis		Cytoplasmic Vacuolization
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver	Periportal	Metamorphosis, Fatty
Lung		Foreign Body, Nos
		Perivascular Cuffing
Nasal cavity	Nose Nos	Degeneration, Hyaline
Prostate		Inflammation, Acute
Salivary gland		Atrophy, Nos
Spleen		Hemosiderosis
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Ulcer, Nos
Testis		Interstitial-Cell Tumor
Thyroid		Follicular-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzofuran
CAS Number: 271-89-6

Date Report Requested: 10/26/2014
Time Report Requested: 13:41:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_037

TRT#: 1
DOSE: 060.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nodular
Epididymis		Cytoplasmic Vacuolization
Heart	Myocardium Nos	Fibrosis
		Neurilemoma, Malignant
Intestine Small	Duodenum	Hyperplasia, Lymphoid
Kidney		Nephropathy
Liver		Focal Cellular Change
Lung		Alveolar Macrophages
		Perivascular Cuffing
Pancreas		Atrophy, Focal
Pituitary gland		Hyperplasia, Chromophobe Cell
Preputial gland		Inflammation, Chronic
Spleen		Hemosiderosis
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_038

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nodular
Heart	Myocardium Nos	Fibrosis
	Myocardium Nos	Inflammation, Chronic
Kidney	Pelvis	Hyperplasia, Papillary
		Nephropathy
Liver		Focal Cellular Change
	Intrahepatic Bile Duct	Hyperplasia, Nos
Nasal cavity	Nose Nos	Degeneration, Hyaline
	Nose Nos	Inflammation, Acute/Chronic
Pancreas		Hyperplasia, Nodular
Pituitary gland		Adenoma, Nos
		Cyst, Nos
Preputial gland		Adenoma, Nos
		Inflammation, Acute/Chronic
Spleen		Hemosiderosis
Testis		Interstitial-Cell Tumor
Thyroid		Follicular-Cell Carcinoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_039

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
	Cortex Nos	Hyperplasia, Nodular
	Medulla	Pheochromocytoma
Eye	Nasolacrimal Duct	Inflammation, Chronic
Heart	Endocardium Nos	Fibrosis
	Myocardium Nos	Fibrosis
		Fibrosis
Kidney	Pelvis	Hyperplasia, Papillary
		Nephropathy
Liver	Intrahepatic Bile Duct	Cyst, Multiple
		Focal Cellular Change
Mammary gland		Hyperplasia, Cystic
Nasal cavity	Nose Nos	Degeneration, Hyaline
Pancreas		Hyperplasia, Nodular
Pituitary gland		Adenoma, Nos
Preputial gland		Inflammation, Chronic
Prostate		Inflammation, Acute
Spleen		Hemosiderosis
Testis		Interstitial-Cell Tumor
Thyroid		Cystic Follicles
Unspecified	Neck	Neurilemoma, Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_040

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Epididymis		Cytoplasmic Vacuolization
Heart	Myocardium Nos	Fibrosis
Kidney		Nephropathy
Liver	Intrahepatic Bile Duct	Hyperplasia, Nos
Lung		Congestion, Nos
Nasal cavity	Nose Nos	Degeneration, Hyaline
Pituitary gland		Adenoma, Nos
Prostate		Inflammation, Acute
Spleen		Hemosiderosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_041

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Pheochromocytoma

Heart

Myocardium Nos

Fibrosis

Kidney

Nephropathy

Liver

Alveolar/Bronchiolar Carcinoma, Metastatic

Focal Cellular Change

Lung

Alveolar/Bronchiolar Carcinoma

Mammary gland

Hyperplasia, Cystic

Nasal cavity

Nose Nos

Degeneration, Hyaline

Pituitary gland

Adenoma, Nos

Cyst, Nos

Preputial gland

Inflammation, Chronic

Spleen

Hemosiderosis

Testis

Atrophy, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzofuran
CAS Number: 271-89-6

Date Report Requested: 10/26/2014
Time Report Requested: 13:41:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_042

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Eye	Nasolacrimal Duct	Inflammation, Chronic
Heart	Myocardium Nos	Fibrosis
	Myocardium Nos	Inflammation, Chronic
Kidney	Pelvis	Hyperplasia, Papillary
		Nephropathy
Liver		Focal Cellular Change
	Intrahepatic Bile Duct	Hyperplasia, Nos
Lung		Perivascular Cuffing
Mammary gland		Hyperplasia, Cystic
Nasal cavity	Nose Nos	Degeneration, Hyaline
Pituitary gland		Adenoma, Nos
Preputial gland		Inflammation, Chronic
Spleen		Hemosiderosis
Testis		Interstitial-Cell Tumor
Thyroid		Cystic Follicles

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_043

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nodular
Eye	Nasolacrimal Duct	Inflammation, Chronic
Heart	Myocardium Nos	Inflammation, Chronic
Kidney	Cortex	Cyst, Nos
		Nephropathy
Liver		Focal Cellular Change
	Intrahepatic Bile Duct	Hyperplasia, Nos
Lung		Perivascular Cuffing
Mammary gland		Hyperplasia, Cystic
Parathyroid gland		Hyperplasia, Nos
Pituitary gland		Adenoma, Nos
Preputial gland		Inflammation, Chronic
Prostate		Inflammation, Acute/Chronic
Spleen		Hemosiderosis
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Chronic
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
		Periarteritis
Thyroid		Cystic Follicles
		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_044

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Kidney		Nephropathy
Liver	Intrahepatic Bile Duct Periportal	Hyperplasia, Nos Metamorphosis, Fatty
Lung		Inflammation, Interstitial
Mammary gland		Hyperplasia, Cystic
Nasal cavity	Nose Nos	Degeneration, Hyaline
Pituitary gland		Adenoma, Nos
Prostate		Inflammation, Acute
Salivary gland		Atrophy, Nos
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Erosion
	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Chronic
	Forestomach	Ulcer, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Neck	Neurilemoma, Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzofuran
CAS Number: 271-89-6

Date Report Requested: 10/26/2014
Time Report Requested: 13:41:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_045

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
	Cortex Nos	Hyperplasia, Nodular
	Cortex Nos	Metamorphosis, Fatty
Intestine Large	Colon	Sarcoma, Nos
Kidney	Pelvis	Hyperplasia, Papillary
		Nephropathy
Mammary gland		Hyperplasia, Cystic
Nasal cavity	Nose Nos	Degeneration, Hyaline
Pituitary gland		Adenoma, Nos
Preputial gland		Inflammation, Chronic
Prostate		Inflammation, Acute/Chronic
Spleen		Fibrosis
		Hemosiderosis
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_046

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Heart	Myocardium Nos	Fibrosis
Kidney		Nephropathy
Liver	Intrahepatic Bile Duct	Hyperplasia, Nos
Lung		Perivascular Cuffing
Nasal cavity	Nose Nos	Degeneration, Hyaline
Pituitary gland		Adenoma, Nos
		Hyperplasia, Chromophobe Cell
Preputial gland		Inflammation, Chronic
Prostate		Inflammation, Acute
Salivary gland		Atrophy, Nos
Spleen		Hemosiderosis
Stomach	Forestomach	Hyperplasia, Epithelial
Testis		Interstitial-Cell Tumor
Unspecified	Axilla	Fibroma
	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_047

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Metamorphosis, Fatty Pheochromocytoma
Eye	Nasolacrimal Duct	Inflammation, Acute/Chronic
Heart	Myocardium Nos	Fibrosis
Kidney		Nephropathy
Liver	Intrahepatic Bile Duct	Focal Cellular Change Hyperplasia, Nos
Mammary gland		Hyperplasia, Cystic
Nasal cavity	Nose Nos	Papillary Adenoma
Pancreas		Atrophy, Focal
Pituitary gland		Cyst, Nos
Prostate		Inflammation, Chronic
Spleen		Atrophy, Nos Hemosiderosis
Stomach	Forestomach	Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_048

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Ectopia
Bone marrow		Hyperplasia, Erythroid
Heart	Myocardium Nos	Fibrosis
		Hypertrophy, Nos
Intestine Large	Colon	Leiomyoma
Kidney		Nephropathy
Liver	Intrahepatic Bile Duct	Hyperplasia, Nos
		Necrosis, Diffuse
Mammary gland		Hyperplasia, Cystic
Nasal cavity	Nose Nos	Degeneration, Hyaline
Preputial gland		Inflammation, Chronic
Spleen		Hematopoiesis
		Hemosiderosis
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Chronic
		Neurilemoma, Malignant
	Forestomach	Ulcer, Nos
Unspecified	Abdominal Cavity	Neurilemoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzofuran
CAS Number: 271-89-6

Date Report Requested: 10/26/2014
Time Report Requested: 13:41:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_049

TRT#: 1
DOSE: 060.0 MG/KG

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Cortical Adenoma
Heart	Cortex Nos	Metamorphosis, Fatty
		Neurilemoma, Malignant
	Left Atrium Nos	Thrombus, Mural
Kidney		Nephropathy
Nasal cavity	Nose Nos	Degeneration, Hyaline
Pancreas	Islets	Cytologic Alteration, Nos
Pituitary gland		Hyperplasia, Chromophobe Cell
Preputial gland		Inflammation, Chronic
Prostate		Degeneration, Cystic
Spleen		Hemosiderosis
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
	Axilla	Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzofuran
CAS Number: 271-89-6

Date Report Requested: 10/26/2014
Time Report Requested: 13:41:45
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_050

TRT#: 1
DOSE: 060.0 MG/KG

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
	Cortex Nos	Metamorphosis, Fatty
Bone		Fibrous Osteodystrophy
Epididymis		Cytoplasmic Vacuolization
Kidney		Nephropathy
Liver	Intrahepatic Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Interstitial
Pituitary gland		Cyst, Nos
		Hyperplasia, Chromophobe Cell
Skin		Basal-Cell Tumor
Spleen		Hemosiderosis
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Ulcer, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_001

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Epididymis		Cytoplasmic Vacuolization
Heart		Neurilemoma, Malignant
Intestine Large	Colon	Parasitism
Kidney	Pelvis	Hyperplasia, Papillary
		Nephropathy
Liver	Intrahepatic Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
		Hyperplasia, Adenomatous
		Inflammation, Interstitial
Pancreas		Atrophy, Diffuse
Pituitary gland		Cyst, Nos
Preputial gland		Inflammation, Acute/Chronic
Salivary gland		Neurilemoma, Metastatic
Spleen		Hemosiderosis
Testis		Interstitial-Cell Tumor
Tongue		Squamous Cell Papilloma
Unspecified	Neck	Neurilemoma, Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_002

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel	Pulmonary Artery Nos	Mineralization
Epididymis		Cytoplasmic Vacuolization
Heart	Myocardium Nos	Inflammation, Chronic
Kidney	Pelvis	Hyperplasia, Papillary
		Nephropathy
Mammary gland		Hyperplasia, Cystic
Nasal cavity	Nose Nos	Degeneration, Hyaline
Pituitary gland		Adenoma, Nos
Prostate		Inflammation, Acute
Salivary gland		Atrophy, Nos
Spleen		Depletion, Lymphoid
		Hemosiderosis
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Chronic
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_003

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel	Pulmonary Artery Nos	Mineralization
Bone		Fibrous Osteodystrophy
Epididymis		Cytoplasmic Vacuolization
Heart	Myocardium Nos	Fibrosis
	Myocardium Nos	Inflammation, Chronic
Kidney	Pelvis	Hyperplasia, Papillary
		Inflammation, Acute
		Nephropathy
Lung		Inflammation, Interstitial
Mammary gland		Hyperplasia, Cystic
Nasal cavity	Nose Nos	Inflammation, Acute
Parathyroid gland		Hyperplasia, Nos
Pituitary gland		Cyst, Nos
Preputial gland		Inflammation, Chronic
Prostate		Inflammation, Acute/Chronic
Spleen		Hemosiderosis
Testis	Tunica Vaginalis	Inflammation, Chronic Focal
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_004

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Kidney

Medulla
Pelvis

Hyperplasia, Focal
Hyperplasia, Papillary
Nephropathy
Nephrosis, Hydro

Liver
Nasal cavity

Intrahepatic Bile Duct
Nose Nos
Nose Nos

Hyperplasia, Nos
Degeneration, Hyaline
Inflammation, Chronic

Preputial gland

Adenoma, Nos
Inflammation, Chronic

Prostate

Hyperplasia, Adenomatous

Spleen

Hemosiderosis

Testis

Interstitial-Cell Tumor

Tongue

Hyperplasia, Epithelial

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_005

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Blood vessel	Mesenteric Artery Nos	Periarteritis
Heart	Myocardium Nos	Inflammation, Chronic
Intestine Large	Cecum, Colon	Lipoma
Kidney	Cortex	Cyst, Nos
	Pelvis	Hyperplasia, Papillary
		Nephropathy
Liver		Focal Cellular Change
	Intrahepatic Bile Duct	Hyperplasia, Nos
Pituitary gland		Adenoma, Nos
Preputial gland		Inflammation, Chronic
Prostate		Degeneration, Cystic
Spleen		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thymus		Cyst, Ultimobranchial
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_006

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Epididymis		Cytoplasmic Vacuolization
Intestine Large	Cecum, Colon	Inflammation, Acute Diffuse
Kidney	Tubule	Metamorphosis, Fatty
		Nephropathy
Liver	Periportal	Metamorphosis, Fatty
		Pleomorphism
Lung		Inflammation, Interstitial
Mammary gland		Hyperplasia, Cystic
Nasal cavity	Nose Nos	Degeneration, Hyaline
	Nose Nos	Inflammation, Acute
Pancreas		Acinar-Cell Adenoma
Pituitary gland		Adenoma, Nos
Preputial gland		Inflammation, Chronic
Prostate		Inflammation, Acute
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Ulcer, Nos
Testis		Hyperplasia, Interstitial Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_007

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nodular
Brain		Ependymoma
Epididymis		Cytoplasmic Vacuolization
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver	Intrahepatic Bile Duct	Hyperplasia, Nos
Nasal cavity	Nose Nos	Degeneration, Hyaline
Preputial gland		Inflammation, Chronic
Prostate		Inflammation, Acute/Chronic
Spleen		Hemosiderosis
Testis		Interstitial-Cell Tumor
Thyroid	Follicle	Papillary Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_008

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nodular
Epididymis		Fibrosis, Focal
Eye	Nasolacrimal Duct	Inflammation, Chronic
Heart	Cardiac Valve	Endocardiosis
	Myocardium Nos	Fibrosis
Kidney	Pelvis	Hyperplasia, Papillary
		Nephropathy
Lung	Submucosa	Hemosiderosis
Mammary gland		Hyperplasia, Cystic
Nasal cavity	Nose Nos	Degeneration, Hyaline
Preputial gland		Inflammation, Chronic
Prostate		Inflammation, Acute
Skin		Keratoacanthoma
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Eosinophilic Leukocytic Infiltrate
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Neck	Neurilemoma, Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_009

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow

Kidney

Cortex

Pelvis

Hyperplasia, Granulocytic

Cyst, Nos

Hyperplasia, Papillary

Nephropathy

Nasal cavity

Nose Nos

Inflammation, Acute

Prostate

Inflammation, Acute

Salivary gland

Atrophy, Nos

Inflammation, Acute Diffuse

Spleen

Hemosiderosis

Stomach

Forestomach

Inflammation, Chronic

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_010

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Diffuse
Blood vessel	Pulmonary Artery Nos	Mineralization
Heart	Myocardium Nos	Fibrosis
	Atrium	Hypertrophy, Diffuse
Intestine Large	Colon	Parasitism
Intestine Small	Duodenum	Fibrosarcoma, Metastatic
Kidney	Pelvis	Hyperplasia, Papillary
		Nephropathy
Liver		Fibrosarcoma, Metastatic
	Intrahepatic Bile Duct	Hyperplasia, Nos
Lymph node	Mesenteric Lymph Node	Fibrosarcoma, Metastatic
Preputial gland		Inflammation, Acute/Chronic
Prostate		Inflammation, Acute/Chronic
Spleen		Hematopoiesis
Stomach		Fibrosarcoma
	Forestomach	Hyperplasia, Epithelial
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_011

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nodular
Blood vessel	Pulmonary Artery Nos	Mineralization
Heart	Myocardium Nos	Fibrosis
Intestine Large	Colon	Parasitism
Kidney	Cortex	Cyst, Nos
		Nephropathy
Liver	Intrahepatic Bile Duct	Hyperplasia, Nos
Nasal cavity	Nose Nos	Degeneration, Hyaline
Pancreas		Hyperplasia, Nodular
Preputial gland		Hyperplasia, Nodular
Prostate		Degeneration, Cystic
Salivary gland		Atrophy, Nos
Spleen		Hemosiderosis
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_012

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nodular
Blood vessel	Pulmonary Artery Nos	Mineralization
Kidney	Pelvis	Hyperplasia, Papillary Nephropathy
Liver		Metamorphosis, Fatty Necrosis, Focal
Mammary gland		Hyperplasia, Cystic
Nasal cavity	Nose Nos	Inflammation, Acute
Pancreas		Atrophy, Focal
Pituitary gland		Adenoma, Nos
Preputial gland		Inflammation, Chronic
Prostate		Degeneration, Cystic Inflammation, Acute
Spleen		Hemosiderosis
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Chronic
Testis		Hyperplasia, Interstitial Cell
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_013

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney	Cortex	Cyst, Nos Nephropathy
Liver		Focal Cellular Change
Lymph node	Submandibular Lymph Node	Hyperplasia, Lymphoid
Nasal cavity	Nose Nos	Hemorrhage
Pituitary gland		Adenoma, Nos
Preputial gland		Inflammation, Chronic
Prostate		Degeneration, Cystic
Salivary gland		Atrophy, Nos
Spleen		Erythropoiesis Hemosiderosis
Testis		Atrophy, Nos Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzofuran
CAS Number: 271-89-6

Date Report Requested: 10/26/2014
Time Report Requested: 13:41:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_014

TRT#: 2
DOSE: 030.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Mineralization
Heart	Myocardium Nos	Fibrosis
		Neurilemoma, Malignant
Kidney	Cortex	Cyst, Nos
	Pelvis	Hyperplasia, Papillary
		Nephropathy
Liver		Focal Cellular Change
Lung		Hyperplasia, Adenomatous
Pituitary gland		Adenoma, Nos
Preputial gland		Inflammation, Chronic
Prostate		Degeneration, Cystic
		Inflammation, Acute
Spleen		Erythropoiesis
		Hemosiderosis
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_015

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel	Pulmonary Artery Nos	Mineralization
Epididymis		Inflammation, Acute/Chronic
Heart	Myocardium Nos	Fibrosis
Liver	Intrahepatic Bile Duct	Hyperplasia, Nos
Preputial gland		Inflammation, Chronic
Spleen		Hemosiderosis
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_016

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Epididymis		Cytoplasmic Vacuolization
Eye	Lens, Cortex	Cataract
	Retina	Degeneration, Nos
Heart	Myocardium Nos	Fibrosis
Kidney		Nephropathy
Liver	Intrahepatic Bile Duct	Hyperplasia, Nos
	Periportal	Metamorphosis, Fatty
Lung		Alveolar Macrophages
		Inflammation, Interstitial
Mammary gland		Hyperplasia, Cystic
Pituitary gland		Adenoma, Nos
Preputial gland		Inflammation, Chronic
Prostate		Inflammation, Acute
Salivary gland		Neurilemoma, Malignant
Spleen		Hemosiderosis
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Chronic
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_017

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Eye	Lens, Cortex	Cataract
		Degeneration, Nos
	Retina	Hernia, Nos
Heart	Myocardium Nos	Fibrosis
Kidney	Cortex	Cyst, Nos
		Nephropathy
Liver		Focal Cellular Change
	Intrahepatic Bile Duct	Hyperplasia, Nos
Preputial gland		Inflammation, Chronic
Prostate		Degeneration, Cystic
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Chronic
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_018

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Blood vessel	Pulmonary Artery Nos	Mineralization
Epididymis		Cytoplasmic Vacuolization
Kidney	Cortex	Cyst, Nos
	Pelvis	Hyperplasia, Papillary
		Nephropathy
Liver	Intrahepatic Bile Duct	Hyperplasia, Nos
Lymph node	Submandibular Lymph Node	Hyperplasia, Lymphoid
Mammary gland		Hyperplasia, Cystic
Pituitary gland		Adenoma, Nos
Prostate		Inflammation, Acute
Salivary gland		Atrophy, Nos
Spleen		Hemosiderosis
Testis		Interstitial-Cell Tumor
Unspecified	Neck	Neurilemoma, Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_019

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Kidney	Pelvis	Hyperplasia, Papillary Nephropathy
Liver	Intrahepatic Bile Duct	Focal Cellular Change
Nasal cavity	Nose Nos	Hyperplasia, Nos
Pituitary gland		Degeneration, Hyaline
Preputial gland		Hyperplasia, Chromophobe Cell
Prostate		Inflammation, Chronic
Spleen		Degeneration, Cystic
		Erythropoiesis
		Hemosiderosis
Stomach	Forestomach	Cyst, Nos
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_020

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
	Medulla	Pheochromocytoma
Blood		Leukocytosis, Neutrophilic
Bone marrow		Fibrosis
Heart	Myocardium Nos	Fibrosis
Kidney	Pelvis	Hyperplasia, Papillary
		Nephropathy
		Nephrosis, Hydro
Liver	Intrahepatic Bile Duct	Hyperplasia, Nos
Nasal cavity	Nose Nos	Degeneration, Hyaline
Parathyroid gland		Hyperplasia, Nos
Pituitary gland		Hyperplasia, Chromophobe Cell
Prostate		Degeneration, Cystic
Salivary gland		Atrophy, Nos
Spleen		Hemosiderosis
Stomach	Forestomach	Edema, Nos
	Glandular Stomach	Edema, Nos
	Forestomach	Hyperplasia, Epithelial
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzofuran
CAS Number: 271-89-6

Date Report Requested: 10/26/2014
Time Report Requested: 13:41:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_021

TRT#: 2
DOSE: 030.0 MG/KG

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Blood vessel	Pulmonary Artery Nos	Mineralization
Epididymis		Edema, Nos
Kidney		Nephropathy
Liver		Focal Cellular Change
Nasal cavity	Nose Nos	Degeneration, Hyaline
Preputial gland		Inflammation, Chronic
Spleen		Erythropoiesis
		Hemosiderosis
Testis		Interstitial-Cell Tumor
Unspecified	Neck	Neurilemoma, Malignant

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56166
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzofuran
CAS Number: 271-89-6

Date Report Requested: 10/26/2014
Time Report Requested: 13:41:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_022

TRT#: 2
DOSE: 030.0 MG/KG

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Heart	Myocardium Nos	Fibrosis
Kidney	Tubule	Degeneration, Hyaline Nephropathy
Liver		Degeneration, Nos
Nasal cavity	Nose Nos	Degeneration, Hyaline
Pancreas		Atrophy, Focal
Pituitary gland		Cyst, Nos
Prostate		Inflammation, Acute
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Erosion
	Forestomach	Hyperplasia, Epithelial
	Glandular Stomach	Inflammation, Chronic
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56166
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzofuran
CAS Number: 271-89-6

Date Report Requested: 10/26/2014
Time Report Requested: 13:41:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_023

TRT#: 2
DOSE: 030.0 MG/KG

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nodular
Heart	Myocardium Nos	Fibrosis
Kidney		Nephropathy
Liver	Intrahepatic Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Lung		Fibrosarcoma, Metastatic
Nasal cavity	Nose Nos	Degeneration, Hyaline
Pituitary gland		Adenoma, Nos
		Cyst, Nos
Preputial gland		Inflammation, Chronic
Prostate		Inflammation, Acute
Spleen		Hemosiderosis
Testis		Hyperplasia, Interstitial Cell
Unspecified	Neck	Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_024

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Blood		Leukocytosis, Neutrophilic
Blood vessel	Pulmonary Artery Nos	Mineralization
Bone marrow		Fibrosis
Epididymis		Degeneration, Nos
Intestine Small	Mesentery Nos	Necrosis, Fat
Kidney	Pelvis	Hyperplasia, Papillary
		Nephropathy
Liver	Intrahepatic Bile Duct	Hyperplasia, Nos
Nasal cavity	Nose Nos	Hyperplasia, Papillary
	Nose Nos	Inflammation, Acute/Chronic
Pituitary gland		Cyst, Nos
		Hyperplasia, Chromophobe Cell
Preputial gland		Inflammation, Chronic
Prostate		Degeneration, Cystic
Spleen		Hemosiderosis
Stomach	Forestomach	Edema, Nos
	Glandular Stomach	Edema, Nos
	Forestomach	Erosion
	Forestomach	Hyperplasia, Epithelial
Testis		Interstitial-Cell Tumor
Thymus		Cyst, Ultimobranchial
Urinary bladder		Inflammation, Acute Diffuse

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_025

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Necrosis, Diffuse
Lung		Alveolar Macrophages
Lymph node	Mediastinal Lymph Node	Hemorrhage
	Mediastinal Lymph Node	Hemosiderosis
Pancreas		Atrophy, Focal
Spleen		Hemosiderosis
Testis		Interstitial-Cell Tumor
Thyroid		Cystic Follicles
Unspecified	Abdominal Cavity	Mesothelioma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_026

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
	Cortex Nos	Hyperplasia, Nodular
Blood vessel	Pulmonary Artery Nos	Mineralization
Heart	Myocardium Nos	Fibrosis
Kidney	Pelvis	Hyperplasia, Papillary
		Nephropathy
Liver	Intrahepatic Bile Duct	Hyperplasia, Nos
Nasal cavity	Nose Nos	Degeneration, Hyaline
Pituitary gland		Hyperplasia, Chromophobe Cell
Preputial gland		Inflammation, Chronic
Prostate		Inflammation, Acute/Chronic
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Hyperplasia, Epithelial
	Glandular Stomach	Hyperplasia, Lymphoid
Testis		Interstitial-Cell Tumor
Unspecified	Neck	Neurilemoma, Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzofuran
CAS Number: 271-89-6

Date Report Requested: 10/26/2014
Time Report Requested: 13:41:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_027

TRT#: 2
DOSE: 030.0 MG/KG

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nodular
Blood vessel	Pulmonary Artery Nos	Mineralization
Epididymis		Cytoplasmic Vacuolization
Heart	Myocardium Nos	Fibrosis
Intestine Small	Mesentery Nos	Necrosis, Fat
Kidney		Nephropathy
Liver		Focal Cellular Change
Pancreas	Islets	Islet-Cell Adenoma
Pituitary gland		Adenoma, Nos
Preputial gland		Inflammation, Chronic
Prostate		Inflammation, Acute
Salivary gland		Neurilemoma, Metastatic
Spleen		Hemosiderosis
Testis		Hyperplasia, Interstitial Cell
Unspecified	Neck	Neurilemoma, Malignant

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_028

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Brain	Meninges	Inflammation, Acute Diffuse
Eye	Nasolacrimal Duct	Inflammation, Acute
Heart	Myocardium Nos	Fibrosis
Kidney		Nephropathy
Liver	Intrahepatic Bile Duct	Hyperplasia, Nos
Lung	Mucosa	Hyperplasia, Nodular
Spleen		Hemosiderosis
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Chronic
	Forestomach	Ulcer, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_029

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Bone		Fibrous Osteodystrophy
Kidney	Cortex	Cyst, Nos
		Nephropathy
Liver	Intrahepatic Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Interstitial
Parathyroid gland		Hyperplasia, Nos
Pituitary gland		Adenoma, Nos
Preputial gland		Inflammation, Chronic
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Mineralization
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Unspecified	Leg	Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_030

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Kidney		Nephropathy
Liver	Intrahepatic Bile Duct	Hyperplasia, Nos
Lung		Congestion, Nos
		Inflammation, Interstitial
Salivary gland		Lymphocytic Inflammatory Infiltrate
Spleen		Hemosiderosis

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_031

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Blood vessel	Pulmonary Artery Nos	Mineralization
Heart	Myocardium Nos	Fibrosis
Kidney		Nephropathy
Parathyroid gland		Hyperplasia, Nos
Pituitary gland		Hyperplasia, Chromophobe Cell
Preputial gland		Inflammation, Chronic
Prostate		Degeneration, Cystic
Spleen		Hemosiderosis
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Ulcer, Nos
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, Follicular Cell
Tongue		Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_032

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Epididymis		Cytoplasmic Vacuolization
Heart	Myocardium Nos	Fibrosis
Intestine Small	Mesentery Nos	Necrosis, Fat
Kidney		Nephropathy
Liver	Intrahepatic Bile Duct	Hyperplasia, Nos
		Necrosis, Diffuse
Preputial gland		Inflammation, Chronic
Prostate		Inflammation, Chronic
Spleen		Infarct, Focal
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_033

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nodular
Heart	Myocardium Nos	Fibrosis
Intestine Large	Colon	Adenomatous Polyp, Nos
	Colon	Parasitism
Kidney		Nephropathy
Liver	Intrahepatic Bile Duct	Hyperplasia, Nos
Nasal cavity	Nose Nos	Degeneration, Hyaline
Pancreas		Hyperplasia, Nodular
Preputial gland		Inflammation, Chronic
Prostate		Degeneration, Cystic
		Hyperplasia, Papillary
		Inflammation, Acute
Spleen		Hemosiderosis
Testis		Hyperplasia, Interstitial Cell
Unspecified	Neck	Neurilemoma, Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_034

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Brain	Cerebellum Nos	Astrocytoma
Epididymis		Cytoplasmic Vacuolization
Eye	Nasolacrimal Duct	Inflammation, Chronic
Heart	Myocardium Nos	Fibrosis
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver	Intrahepatic Bile Duct	Hyperplasia, Nos
	Centrilobular	Necrosis, Nos
Lymph node	Mediastinal Lymph Node	Hemosiderosis
Mammary gland		Hyperplasia, Cystic
Nasal cavity	Nose Nos	Degeneration, Hyaline
Pancreas		Atrophy, Focal
Preputial gland		Inflammation, Acute/Chronic
Seminal vesicle		Atrophy, Nos
Spleen		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_035

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Kidney		Nephropathy
Liver		Focal Cellular Change
Lymph node	Submandibular Lymph Node	Hyperplasia, Lymphoid
Nasal cavity	Nose Nos	Degeneration, Hyaline
Pituitary gland		Hyperplasia, Chromophobe Cell
Preputial gland		Inflammation, Chronic
Spleen		Hemosiderosis
Testis		Hyperplasia, Interstitial Cell
Tongue		Inflammation, Acute/Chronic
		Squamous Cell Carcinoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_036

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Blood vessel	Pulmonary Artery Nos	Mineralization
Epididymis		Cytoplasmic Vacuolization
Heart	Myocardium Nos	Fibrosis
Kidney	Cortex	Cyst, Nos
		Nephropathy
Liver	Intrahepatic Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
Lymph node	Mesenteric Lymph Node	Carcinoma, Nos, Metastatic
	Mesenteric Lymph Node	Lymphangiectasis
Nasal cavity	Nose Nos	Degeneration, Hyaline
Preputial gland		Carcinoma, Nos
		Inflammation, Chronic
Prostate		Inflammation, Acute
Spleen		Erythropoiesis
		Hemosiderosis
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Ear	Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_037

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nodular
Blood vessel	Pulmonary Artery Nos	Mineralization
Intestine Large	Colon	Parasitism
Kidney	Cortex	Cyst, Nos
		Nephropathy
Liver	Intrahepatic Bile Duct	Hyperplasia, Nos
Lung		Alveolar/Bronchiolar Carcinoma
Preputial gland		Inflammation, Chronic
Prostate		Degeneration, Cystic
		Hyperplasia, Focal
Salivary gland		Atrophy, Nos
Spleen		Hemosiderosis
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzofuran
CAS Number: 271-89-6

Date Report Requested: 10/26/2014
Time Report Requested: 13:41:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_038

TRT#: 2
DOSE: 030.0 MG/KG

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Mineralization
Bone		Fibrous Osteodystrophy
Epididymis		Cytoplasmic Vacuolization
Heart	Myocardium Nos	Fibrosis
Kidney	Pelvis	Hyperplasia, Papillary
		Nephropathy
		Tubular-Cell Adenoma
Liver	Intrahepatic Bile Duct	Hyperplasia, Nos
Lung		Alveolar/Bronchiolar Carcinoma
Nasal cavity	Nose Nos	Degeneration, Hyaline
Pancreas		Adenoma, Nos
Preputial gland		Inflammation, Chronic
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Edema, Nos
Testis		Interstitial-Cell Tumor
	Tunica Vaginalis	Mesothelioma, Nos
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_039

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel
Heart
Kidney

Pulmonary Artery Nos
Myocardium Nos
Tubule

Mineralization
Fibrosis
Hypertrophy, Nos
Nephropathy
Atrophy, Focal
Adenoma, Nos
Neurilemoma, Malignant
Hemosiderosis
Cystic Follicles

Pancreas
Pituitary gland
Salivary gland
Spleen
Thyroid

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_040

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nodular
Bone marrow		Fibrosis
Heart	Myocardium Nos	Fibrosis
Kidney		Nephropathy
Liver		Hepatocellular Adenoma
Lung		Alveolar Macrophages
Nasal cavity	Nose Nos	Degeneration, Hyaline
Pancreas	Islets	Islet-Cell Carcinoma
Pituitary gland		Adenoma, Nos
Prostate		Degeneration, Cystic
		Inflammation, Acute
Spleen		Hemosiderosis
Stomach	Forestomach	Ulcer, Nos
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_041

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Kidney

Medulla
Cortex

Hyperplasia, Focal
Cyst, Nos
Nephropathy
Hemorrhage
Hyperplasia, Nos
Hyperplasia, Chromophobe Cell
Inflammation, Chronic
Degeneration, Cystic
Atrophy, Nos
Interstitial-Cell Tumor
Leukemia, Mononuclear Cell

Lung
Parathyroid gland
Pituitary gland
Preputial gland
Prostate
Testis

Unspecified

Multiple Organs Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_042

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Degeneration, Nos Hyperplasia, Focal
Blood vessel	Cortex Nos	Inflammation, Acute Diffuse
Bone	Pulmonary Artery Nos	Mineralization
Kidney	Cortex	Fibrous Osteodystrophy
	Pelvis	Cyst, Nos
Liver	Intrahepatic Bile Duct	Hyperplasia, Papillary
Nasal cavity	Nose Nos	Nephropathy
Parathyroid gland		Hyperplasia, Nos
Preputial gland		Inflammation, Acute
Prostate		Hyperplasia, Nos
Spleen		Inflammation, Chronic
		Degeneration, Cystic
Stomach	Forestomach	Atrophy, Diffuse
	Forestomach	Hemosiderosis
Testis		Hyperplasia, Epithelial
		Inflammation, Chronic
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzofuran
CAS Number: 271-89-6

Date Report Requested: 10/26/2014
Time Report Requested: 13:41:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_043

TRT#: 2
DOSE: 030.0 MG/KG

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Mineralization
Epididymis		Cytoplasmic Vacuolization
Esophagus		Hemorrhage
Heart	Myocardium Nos	Fibrosis
	Myocardium Nos	Inflammation, Chronic
Kidney	Pelvis	Hyperplasia, Papillary
		Nephropathy
Mammary gland		Hyperplasia, Cystic
Pituitary gland		Adenoma, Nos
Prostate		Inflammation, Acute
Spleen		Hematopoiesis
		Hemosiderosis
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Chronic
	Forestomach	Ulcer, Nos
Urinary bladder		Inflammation, Chronic Diffuse

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_044

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nodular
Heart	Myocardium Nos	Fibrosis
	Myocardium Nos	Inflammation, Chronic
Intestine Large	Colon	Parasitism
Kidney	Cortex	Cyst, Nos
		Hemangiosarcoma
	Pelvis	Hyperplasia, Papillary
		Nephropathy
Mammary gland		Hyperplasia, Cystic
Pancreas		Hyperplasia, Nodular
Pituitary gland		Adenoma, Nos
Preputial gland		Inflammation, Chronic
Prostate		Inflammation, Acute/Chronic
Spleen		Hemosiderosis
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Chronic
	Forestomach	Ulcer, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_045

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Blood vessel	Pulmonary Artery Nos	Mineralization
Heart		Neurilemoma, Malignant
Intestine Large	Cecum, Colon	Edema, Nos
Kidney	Cortex	Cyst, Nos
	Pelvis	Hyperplasia, Papillary
		Nephropathy
Liver	Intrahepatic Bile Duct	Hyperplasia, Nos
Lymph node	Mesenteric Lymph Node	Edema, Nos
Mammary gland		Hyperplasia, Cystic
Nasal cavity	Nose Nos	Inflammation, Acute
Pituitary gland		Adenoma, Nos
Preputial gland		Inflammation, Chronic
Prostate		Inflammation, Acute/Chronic
Spleen		Hemosiderosis
Stomach	Forestomach	Edema, Nos
	Glandular Stomach	Edema, Nos
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_046

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Heart	Myocardium Nos	Fibrosis
Kidney	Pelvis	Hyperplasia, Papillary Nephropathy
Nasal cavity	Nose Nos	Degeneration, Hyaline
Pancreas	Islets	Islet-Cell Adenoma
Parathyroid gland		Hyperplasia, Nos
Preputial gland		Inflammation, Chronic
Prostate		Degeneration, Cystic
Spleen		Hemosiderosis
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Chronic
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_047

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Mineralization
Heart	Myocardium Nos	Fibrosis
Kidney	Cortex	Cyst, Nos
		Nephropathy
Liver	Intrahepatic Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
Lymph node	Mesenteric Lymph Node	Hemorrhage
Pancreas		Hyperplasia, Nodular
Preputial gland		Inflammation, Chronic
Spleen		Hemosiderosis
Testis		Interstitial-Cell Tumor
Thyroid		Cystic Follicles
Unspecified	Neck	Neurilemoma, Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzofuran
CAS Number: 271-89-6

Date Report Requested: 10/26/2014
Time Report Requested: 13:41:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_048

TRT#: 2
DOSE: 030.0 MG/KG

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Blood vessel	Pulmonary Artery Nos	Mineralization
Kidney		Nephropathy
Nasal cavity	Nose Nos	Degeneration, Hyaline
Pancreas		Atrophy, Focal
Parathyroid gland		Hyperplasia, Nos
Pituitary gland		Hyperplasia, Chromophobe Cell
Preputial gland		Inflammation, Chronic
Prostate		Degeneration, Cystic
Spleen		Hemosiderosis
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Chronic
Testis		Interstitial-Cell Tumor
Thyroid		Cystic Follicles

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_049

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 030.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Ectopia

Cortex Nos

Metamorphosis, Fatty

Epididymis

Cytoplasmic Vacuolization

Eye

Lens, Cortex

Cataract

Kidney

Nephropathy

Liver

Intrahepatic Bile Duct

Hyperplasia, Nos

Lung

Alveolar/Bronchiolar Carcinoma

Mammary gland

Hyperplasia, Cystic

Spleen

Hemosiderosis

Testis

Spermatogenic Epithelium

Giant-Cell, Multinucleate

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzofuran
CAS Number: 271-89-6

Date Report Requested: 10/26/2014
Time Report Requested: 13:41:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_050

TRT#: 2
DOSE: 030.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Blood vessel	Pulmonary Artery Nos	Mineralization
Eye	Lens, Cortex	Cataract
Heart	Myocardium Nos	Fibrosis
Kidney	Cortex	Cyst, Nos
	Pelvis	Hyperplasia, Papillary
		Nephropathy
Nasal cavity	Nose Nos	Degeneration, Hyaline
	Nose Nos	Hyperplasia, Papillary
Preputial gland		Inflammation, Chronic
Prostate		Degeneration, Cystic
Spleen		Hemosiderosis
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_001

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nodular
Eye	Lens, Cortex	Cataract
	Retina	Degeneration, Nos
	Nasolacrimal Duct	Inflammation, Chronic
Heart	Myocardium Nos	Fibrosis
	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Nasal cavity	Nose Nos	Degeneration, Hyaline
Pituitary gland		Adenoma, Nos
Preputial gland		Inflammation, Acute/Chronic
Spleen		Hemosiderosis
Stomach	Forestomach	Squamous Cell Papilloma
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_002

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Epididymis		Cytoplasmic Vacuolization
Eye	Lens, Cortex	Cataract
	Retina	Degeneration, Nos
	Nasolacrimal Duct	Inflammation, Chronic
Kidney		Nephropathy
Liver	Intrahepatic Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Lung		Perivascular Cuffing
Lymph node	Submandibular Lymph Node	Hyperplasia, Lymphoid
Nasal cavity	Nose Nos	Degeneration, Hyaline
Spleen		Hemosiderosis
Stomach	Forestomach	Hyperplasia, Epithelial
Testis		Interstitial-Cell Tumor
Tongue		Squamous Cell Papilloma
Unspecified	Neck	Neurilemoma, Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:46

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	Cortex Nos	Metamorphosis, Fatty
Bone marrow		Fibrosis
Eye	Retina	Degeneration, Nos
	Anterior Chamber	Hemorrhage
Heart	Myocardium Nos	Fibrosis
Kidney		Nephropathy
Liver	Periportal	Metamorphosis, Fatty
Nasal cavity	Nose Nos	Degeneration, Hyaline
Spleen		Hemosiderosis
		Hyperplasia, Reticulum Cell
Stomach	Forestomach	Erosion
	Forestomach	Hyperplasia, Epithelial
Unspecified	Neck	Neurilemoma, Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:46

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	Medulla	Ganglioneuroma
	Medulla	Hyperplasia, Focal
Eye	Lens, Cortex	Cataract
	Retina	Degeneration, Nos
Heart	Myocardium Nos	Inflammation, Chronic
Intestine Small	Mesentery Nos	Necrosis, Fat
Kidney		Nephropathy
Liver		Focal Cellular Change
	Intrahepatic Bile Duct	Hyperplasia, Nos
Lung		Hyperplasia, Adenomatous
		Perivascular Cuffing
Mammary gland		Hyperplasia, Cystic
Nasal cavity	Nose Nos	Degeneration, Hyaline
	Nose Nos	Inflammation, Acute
Pituitary gland		Adenoma, Nos
Preputial gland		Inflammation, Chronic
Prostate		Inflammation, Acute/Chronic
Spleen		Hemosiderosis
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzofuran
CAS Number: 271-89-6

Date Report Requested: 10/26/2014
Time Report Requested: 13:41:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_005

TRT#: 3
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Epididymis		Cytoplasmic Vacuolization
Kidney		Nephropathy
Liver		Degeneration, Nos
	Intrahepatic Bile Duct	Hyperplasia, Nos
Nasal cavity	Nose Nos	Degeneration, Hyaline
Pituitary gland		Hemosiderosis
Preputial gland		Inflammation, Chronic
Prostate		Inflammation, Chronic
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tunica Vaginalis	Mesothelioma, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_006

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
	Cortex Nos	Metamorphosis, Fatty
Blood vessel	Pulmonary Artery Nos	Mineralization
Epididymis		Edema, Nos
Eye	Lens, Cortex	Cataract
	Retina	Degeneration, Nos
Heart		Neurilemoma, Malignant
Kidney		Nephropathy
Liver		Degeneration, Nos
	Intrahepatic Bile Duct	Hyperplasia, Nos
Lung		Hyperplasia, Adenomatous
Nasal cavity	Nose Nos	Degeneration, Hyaline
	Nose Nos	Inflammation, Acute/Chronic
Pancreas		Atrophy, Focal
Preputial gland		Inflammation, Acute/Chronic
Salivary gland		Fibrosis, Diffuse
Spleen		Hemosiderosis
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Acute/Chronic
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thyroid		Cyst, Ultimobranchial
Unspecified	Abdominal Cavity	Edema, Nos
	Thoracic Cavity Nos	Edema, Nos
	Multiple Organs Nos	Neurilemoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_007

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
	Cortex Nos	Hyperplasia, Nodular
Blood vessel	Pulmonary Artery Nos	Mineralization
Eye	Lens, Cortex	Cataract
	Retina	Degeneration, Nos
	Nasolacrimal Duct	Inflammation, Chronic
Heart	Myocardium Nos	Fibrosis
	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
	Intrahepatic Bile Duct	Hyperplasia, Nos
Nasal cavity	Nose Nos	Degeneration, Hyaline
Pituitary gland		Adenoma, Nos
Preputial gland		Inflammation, Chronic
Spleen		Hemosiderosis
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_008

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Mineralization
Epididymis		Cytoplasmic Vacuolization
Eye	Lens, Cortex	Cataract
	Retina	Degeneration, Nos
Heart	Myocardium Nos	Fibrosis
	Left Atrium Nos	Hypertrophy, Nos
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Liver	Intrahepatic Bile Duct	Focal Cellular Change
		Hyperplasia, Nos
Lung		Perivascular Cuffing
Nasal cavity	Nose Nos	Degeneration, Hyaline
Preputial gland		Inflammation, Acute/Chronic
Salivary gland		Lymphocytic Inflammatory Infiltrate
Spleen		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thymus		Cyst, Ultimobranchial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:46

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

Blood vessel	Pulmonary Artery Nos	Mineralization
Epididymis		Cytoplasmic Vacuolization
Eye	Lens, Cortex	Cataract
	Retina	Degeneration, Nos
Heart	Myocardium Nos	Fibrosis
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Liver		Focal Cellular Change
	Intrahepatic Bile Duct	Hyperplasia, Nos
Nasal cavity	Nose Nos	Degeneration, Hyaline
Pancreas		Atrophy, Focal
Pituitary gland		Adenoma, Nos
Preputial gland		Carcinoma, Nos
Skin		Keratoacanthoma
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Urinary bladder		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_010

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Epididymis		Cytoplasmic Vacuolization
Kidney		Nephropathy
Liver		Focal Cellular Change
	Intrahepatic Bile Duct	Hyperplasia, Nos
Nasal cavity	Nose Nos	Degeneration, Hyaline
Preputial gland		Inflammation, Chronic
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Hyperplasia, Lymphoid
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Neck	Neurilemoma, Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:46

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	Medulla	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Mineralization
Epididymis		Cytoplasmic Vacuolization
Eye	Lens, Cortex	Cataract
	Retina	Degeneration, Nos
Heart	Myocardium Nos	Inflammation, Chronic
		Myxomatosis, Cardiac Valve
Kidney		Nephropathy
Liver		Focal Cellular Change
	Intrahepatic Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
		Perivascular Cuffing
Nasal cavity	Nose Nos	Degeneration, Hyaline
Preputial gland		Inflammation, Chronic
Prostate		Inflammation, Chronic
Spleen		Hemorrhage
		Hemosiderosis
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzofuran
CAS Number: 271-89-6

Date Report Requested: 10/26/2014
Time Report Requested: 13:41:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_012

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis		Cytoplasmic Vacuolization
Esophagus		Inflammation, Chronic Diffuse
Heart	Myocardium Nos	Fibrosis
	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Pancreas		Acinar-Cell Adenoma
		Atrophy, Focal
Pituitary gland		Cyst, Nos
Preputial gland		Inflammation, Chronic
Prostate		Inflammation, Acute
Salivary gland		Carcinoma, Nos
Spleen		Hemosiderosis
Stomach	Forestomach	Inflammation, Chronic
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:46

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	Medulla	Pheochromocytoma
Eye	Retina	Degeneration, Nos
	Nasolacrimal Duct	Inflammation, Acute/Chronic
Heart	Myocardium Nos	Fibrosis
	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
	Intrahepatic Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Cystic
Nasal cavity	Nose Nos	Degeneration, Hyaline
	Nose Nos	Inflammation, Acute/Chronic
Pituitary gland		Adenoma, Nos
Preputial gland		Inflammation, Chronic
Spleen		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:46

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

Heart	Myocardium Nos	Fibrosis
	Myocardium Nos	Inflammation, Chronic
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Liver		Focal Cellular Change
Lung		Alveolar Macrophages
		Perivascular Cuffing
Lymph node	Submandibular Lymph Node	Hyperplasia, Lymphoid
Mammary gland		Hyperplasia, Cystic
Nasal cavity	Nose Nos	Degeneration, Hyaline
	Nose Nos	Inflammation, Acute
Pancreas		Atrophy, Focal
Pituitary gland		Hyperplasia, Chromophobe Cell
Preputial gland		Inflammation, Chronic
Spleen		Hemosiderosis
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:46

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	Medulla	Pheochromocytoma
Eye	Lens, Cortex	Cataract
	Retina	Degeneration, Nos
Heart	Myocardium Nos	Fibrosis
Kidney		Nephropathy
Liver		Focal Cellular Change
	Intrahepatic Bile Duct	Hyperplasia, Nos
Nasal cavity	Nose Nos	Degeneration, Hyaline
	Nose Nos	Inflammation, Acute
Pancreas		Atrophy, Focal
Pituitary gland		Cyst, Nos
Preputial gland		Inflammation, Chronic
Stomach	Glandular Stomach	Cyst, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_016

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Mineralization
Epididymis		Cytoplasmic Vacuolization
Eye	Lens, Cortex	Cataract
	Retina	Degeneration, Nos
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
	Intrahepatic Bile Duct	Hyperplasia, Nos
		Lymphocytic Inflammatory Infiltrate
Lung		Alveolar Macrophages
Nasal cavity	Nose Nos	Degeneration, Hyaline
Pancreas		Atrophy, Focal
Pituitary gland		Hyperplasia, Chromophobe Cell
Preputial gland		Inflammation, Chronic
Spleen		Hemosiderosis
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_017

TRT#: 3

DOSE: 0

SEX: Male

DISP: Natural Death

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Blood vessel

Heart

Liver

Lung

Prostate

Spleen

Testis

Cortex Nos

Pulmonary Artery Nos

Myocardium Nos

Metamorphosis, Fatty

Mineralization

Fibrosis

Necrosis, Focal

Lymphocytic Inflammatory Infiltrate

Inflammation, Acute

Hemosiderosis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:46

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

Adrenal gland	Medulla	Hyperplasia, Focal
	Cortex Nos	Metamorphosis, Fatty
Kidney		Nephropathy
Liver		Focal Cellular Change
	Intrahepatic Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Pituitary gland		Hyperplasia, Chromophobe Cell
Preputial gland		Inflammation, Chronic
Spleen		Hemosiderosis
Stomach	Forestomach	Hyperplasia, Epithelial
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
	Neck	Neurilemoma, Malignant
Zymbal gland		Carcinoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:46

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	Metamorphosis, Fatty
	Medulla	Pheochromocytoma
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
		Tubular-Cell Adenoma
Liver		Degeneration, Nos
		Hernia, Nos
	Intrahepatic Bile Duct	Hyperplasia, Nos
Nasal cavity	Nose Nos	Degeneration, Hyaline
Pancreas		Atrophy, Focal
Pituitary gland		Adenoma, Nos
Preputial gland		Inflammation, Chronic
Prostate		Inflammation, Acute
Stomach	Forestomach	Hyperplasia, Epithelial
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_020

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Blood vessel	Pulmonary Artery Nos	Mineralization
Epididymis		Hyperplasia, Nos
Eye	Lens, Cortex	Cataract
	Retina	Degeneration, Nos
Heart	Myocardium Nos	Fibrosis
Kidney		Nephropathy
Liver	Intrahepatic Bile Duct	Cyst, Nos
		Focal Cellular Change
	Intrahepatic Bile Duct	Hyperplasia, Nos
Nasal cavity	Nose Nos	Degeneration, Hyaline
Preputial gland		Inflammation, Chronic
Salivary gland		Neurilemoma, Malignant
Spleen		Hemosiderosis
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:46

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

Eye	Lens, Cortex Retina Nasolacrimal Duct	Cataract Degeneration, Nos Inflammation, Acute/Chronic Neurilemoma, Malignant Nephropathy
Heart		Focal Cellular Change
Kidney		Hyperplasia, Nos
Liver	Intrahepatic Bile Duct	Perivascular Cuffing Hyperplasia, Cystic
Lung		Degeneration, Hyaline
Mammary gland		Atrophy, Focal
Nasal cavity	Nose Nos	Hyperplasia, Nos
Pancreas	Islets	Hyperplasia, Nodular Basal-Cell Tumor
Preputial gland		Hemosiderosis
Skin		Interstitial-Cell Tumor
Spleen		C-Cell Adenoma
Testis		Hyperplasia, C Cell
Thyroid		Fibroma
Unspecified	Flank	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:46

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, Focal
	Cortex Nos	Hyperplasia, Nodular
Eye	Lens, Cortex	Cataract
	Retina	Degeneration, Nos
Kidney		Cyst, Nos
		Nephropathy
Liver		Degeneration, Cystic
		Focal Cellular Change
	Intrahepatic Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Cystic
Nasal cavity	Nose Nos	Degeneration, Hyaline
Pituitary gland		Adenoma, Nos
Preputial gland		Inflammation, Chronic
Prostate		Degeneration, Cystic
		Inflammation, Acute/Chronic
Seminal vesicle		Atrophy, Nos
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Acute/Chronic
Testis		Hyperplasia, Interstitial Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:46

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	Medulla	Pheochromocytoma
Eye	Lens, Cortex	Cataract
	Retina	Degeneration, Nos
	Nasolacrimal Duct	Inflammation, Chronic
Heart	Myocardium Nos	Fibrosis
Kidney		Nephropathy
Liver		Degeneration, Nos
		Focal Cellular Change
	Intrahepatic Bile Duct	Hyperplasia, Nos
Mammary gland		Hemorrhage
Nasal cavity	Nose Nos	Degeneration, Hyaline
Pituitary gland		Adenoma, Nos
Preputial gland		Inflammation, Chronic
Salivary gland		Degeneration, Nos
Spleen		Fibrosis
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:46

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

Adrenal gland	Cortex Nos	Hyperplasia, Nodular
Epididymis		Inflammation, Chronic
Eye	Lens, Cortex	Cataract
	Retina	Degeneration, Nos
Heart	Myocardium Nos	Fibrosis
Kidney		Nephropathy
Liver		Focal Cellular Change
Nasal cavity	Nose Nos	Degeneration, Hyaline
	Nose Nos	Inflammation, Acute
Pancreas		Atrophy, Focal
		Lymphocytic Inflammatory Infiltrate
Parathyroid gland		Adenoma, Nos
Pituitary gland		Hyperplasia, Chromophobe Cell
Preputial gland		Inflammation, Chronic
Salivary gland		Lymphocytic Inflammatory Infiltrate
Spleen		Hemosiderosis
Testis		Interstitial-Cell Tumor
Unspecified		Fibroma
		Neurilemoma, Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzofuran
CAS Number: 271-89-6

Date Report Requested: 10/26/2014
Time Report Requested: 13:41:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_025

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Mineralization
Eye	Lens, Cortex	Cataract
	Retina	Degeneration, Nos
Heart	Myocardium Nos	Fibrosis
	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
	Intrahepatic Bile Duct	Hyperplasia, Nos
Nasal cavity	Nose Nos	Degeneration, Hyaline
	Nose Nos	Inflammation, Chronic
Preputial gland		Inflammation, Acute/Chronic
Spleen		Hemosiderosis
Testis		Interstitial-Cell Tumor
Unspecified	Neck	Neurilemoma, Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:46

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	Cortex Nos	Hyperplasia, Nodular
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Liver		Focal Cellular Change
	Intrahepatic Bile Duct	Hyperplasia, Nos
Lung		Hyperplasia, Adenomatous
		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hemorrhage
Mammary gland		Hyperplasia, Cystic
Nasal cavity	Nose Nos	Degeneration, Hyaline
	Nose Nos	Inflammation, Chronic
Pancreas		Atrophy, Focal
	Islets	Islet-Cell Carcinoma
Pituitary gland		Adenoma, Nos
Prostate		Degeneration, Cystic
Spleen		Hemosiderosis
Thyroid		Hyperplasia, C Cell
Unspecified	Neck	Neurilemoma, Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzofuran
CAS Number: 271-89-6

Date Report Requested: 10/26/2014
Time Report Requested: 13:41:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_027

TRT#: 3
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Eye	Nasolacrimal Duct	Inflammation, Chronic
Heart	Myocardium Nos	Fibrosis
Kidney		Nephropathy
Liver		Focal Cellular Change
		Hernia, Nos
Nasal cavity	Nose Nos	Degeneration, Hyaline
Pancreas		Atrophy, Focal
Pituitary gland		Adenoma, Nos
		Cyst, Nos
Preputial gland		Inflammation, Chronic
Prostate		Inflammation, Chronic
Spleen		Hemosiderosis
Testis		Hyperplasia, Interstitial Cell
Unspecified	Groin	Fibroma
	Multiple Organs Nos	Leukemia, Mononuclear Cell
	Neck	Neurilemoma, Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_028

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Eye	Nasolacrimal Duct	Inflammation, Chronic
Heart	Myocardium Nos	Fibrosis
	Epicardium	Hemosiderosis
Kidney		Nephropathy
Liver		Focal Cellular Change
Nasal cavity	Nose Nos	Degeneration, Hyaline
Pituitary gland	Acidophil Cell	Hyperplasia, Nos
Preputial gland		Inflammation, Acute/Chronic
Prostate		Degeneration, Cystic
Spleen		Hemosiderosis
Testis		Interstitial-Cell Tumor
Thyroid	Follicle	Papillary Adenoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_029

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nodular
Eye	Nasolacrimal Duct	Inflammation, Chronic
Heart	Myocardium Nos	Fibrosis
	Myocardium Nos	Inflammation, Chronic
Intestine Small	Mesentery Nos	Neurilemoma, Metastatic
Kidney		Nephropathy
Liver		Leukemia, Mononuclear Cell
Lung		Perivascular Cuffing
Mammary gland		Hyperplasia, Cystic
Nasal cavity	Nose Nos	Degeneration, Hyaline
Pancreas		Perivascular Cuffing
Pituitary gland		Adenoma, Nos
Preputial gland		Inflammation, Acute/Chronic
Prostate		Degeneration, Cystic
		Inflammation, Chronic
Spleen		Hemosiderosis
Testis		Interstitial-Cell Tumor
Thymus		Cyst, Ultimobranchial
Thyroid		Cystic Follicles
Unspecified	Neck	Neurilemoma, Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzofuran
CAS Number: 271-89-6

Date Report Requested: 10/26/2014
Time Report Requested: 13:41:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_030

TRT#: 3
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nodular
Blood		Leukocytosis, Nos
Bone marrow		Fibrosis
Epididymis		Cytoplasmic Vacuolization
Eye	Nasolacrimal Duct	Inflammation, Chronic
Heart	Myocardium Nos	Fibrosis
Kidney		Nephropathy
Liver		Focal Cellular Change
Lung		Perivascular Cuffing
Nasal cavity	Nose Nos	Degeneration, Hyaline
Pancreas		Ectopia
Preputial gland		Adenoma, Nos
Spleen		Hemosiderosis
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_031

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Kidney		Nephropathy
Liver		Focal Cellular Change
		Hernia, Nos
	Intrahepatic Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Interstitial
Pituitary gland		Adenoma, Nos
		Cyst, Hemorrhagic
Preputial gland		Inflammation, Chronic
Prostate		Inflammation, Acute
Spleen		Hemosiderosis
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Flank	Neurilemoma, Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_032

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nodular
Epididymis		Cytoplasmic Vacuolization
Eye	Nasolacrimal Duct	Inflammation, Chronic
Heart		Neurilemoma, Malignant
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Liver		Focal Cellular Change
	Intrahepatic Bile Duct	Hyperplasia, Nos
Nasal cavity	Nose Nos	Degeneration, Hyaline
Pituitary gland		Cyst, Nos
Preputial gland		Inflammation, Chronic
Salivary gland		Degeneration, Nos
Spleen		Hemosiderosis
Testis		Interstitial-Cell Tumor
Unspecified	Neck	Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:46

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	Medulla	Hyperplasia, Focal
	Cortex Nos	Hyperplasia, Nodular
	Medulla	Pheochromocytoma
Epididymis		Cytoplasmic Vacuolization
Heart	Myocardium Nos	Fibrosis
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Liver	Intrahepatic Bile Duct	Hyperplasia, Nos
Lung		Perivascular Cuffing
Nasal cavity	Nose Nos	Degeneration, Hyaline
Pituitary gland		Hyperplasia, Chromophobe Cell
Preputial gland		Inflammation, Chronic
Prostate		Inflammation, Acute/Chronic
Spleen		Hemosiderosis
Stomach	Forestomach	Hyperplasia, Epithelial
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
Unspecified	Neck	Neurilemoma, Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzofuran
CAS Number: 271-89-6

Date Report Requested: 10/26/2014
Time Report Requested: 13:41:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_034

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Esophagus		Neurilemoma, Metastatic
Heart	Myocardium Nos	Fibrosis
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Liver		Focal Cellular Change
	Intrahepatic Bile Duct	Hyperplasia, Nos
Mammary gland		Hemorrhage
Preputial gland		Inflammation, Acute/Chronic
Prostate		Degeneration, Cystic
Salivary gland		Neurilemoma, Metastatic
Spleen		Hemosiderosis
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
Unspecified	Flank	Fibroma
	Neck	Neurilemoma, Malignant

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56166
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzofuran
CAS Number: 271-89-6

Date Report Requested: 10/26/2014
Time Report Requested: 13:41:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_035

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Kidney		Nephropathy
Liver		Focal Cellular Change
	Intrahepatic Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Interstitial
		Perivascular Cuffing
Mammary gland		Hyperplasia, Cystic
Nasal cavity	Nose Nos	Degeneration, Hyaline
Pituitary gland		Adenoma, Nos
Preputial gland		Inflammation, Chronic
Prostate		Degeneration, Cystic
Spleen		Hemosiderosis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56166
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzofuran
CAS Number: 271-89-6

Date Report Requested: 10/26/2014
Time Report Requested: 13:41:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_036

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
	Cortex Nos	Hyperplasia, Nodular
Kidney		Nephropathy
Liver		Congestion, Nos
	Periportal	Metamorphosis, Fatty
Pituitary gland		Hyperplasia, Chromophobe Cell
Preputial gland		Hyperplasia, Cystic
		Inflammation, Chronic
Spleen		Hemosiderosis
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Acute/Chronic
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:46

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	Medulla	Pheochromocytoma
Eye	Nasolacrimal Duct	Inflammation, Chronic
Heart	Myocardium Nos	Fibrosis
Kidney		Nephropathy
Liver		Degeneration, Nos
	Intrahepatic Bile Duct	Hyperplasia, Nos
Nasal cavity	Nose Nos	Degeneration, Hyaline
	Nose Nos	Inflammation, Acute/Chronic
Pancreas	Islets	Islet-Cell Adenoma
Pituitary gland		Adenoma, Nos
Preputial gland		Inflammation, Acute/Chronic
Prostate		Inflammation, Acute
Spleen		Hemosiderosis
Testis		Interstitial-Cell Tumor
Thyroid	Follicle	Papillary Adenoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:46

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, Nodular
Blood		Leukocytosis, Nos
Eye	Nasolacrimal Duct	Inflammation, Chronic
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver		Congestion, Nos
	Intrahepatic Bile Duct	Hyperplasia, Nos
	Periportal	Metamorphosis, Fatty
Lung		Inflammation, Interstitial
Nasal cavity	Nose Nos	Degeneration, Hyaline
Pituitary gland		Cyst, Nos
Prostate		Inflammation, Acute/Chronic
Spleen		Hemosiderosis
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Ulcer, Nos
Testis		Interstitial-Cell Tumor
	Tunica Vaginalis	Mesothelioma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_039

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Epididymis		Cytoplasmic Vacuolization
Eye	Nasolacrimal Duct	Inflammation, Chronic
Kidney		Nephropathy
Liver		Hepatocellular Carcinoma
	Intrahepatic Bile Duct	Hyperplasia, Nos
Nasal cavity	Nose Nos	Degeneration, Hyaline
Pancreas		Atrophy, Focal
Pituitary gland		Hyperplasia, Chromophobe Cell
Preputial gland		Inflammation, Chronic
Prostate		Inflammation, Acute/Chronic
Spleen		Hemosiderosis
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzofuran
CAS Number: 271-89-6

Date Report Requested: 10/26/2014
Time Report Requested: 13:41:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_040

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Epididymis		Cytoplasmic Vacuolization
Eye	Nasolacrimal Duct	Inflammation, Chronic
Heart	Myocardium Nos	Fibrosis
Kidney		Nephropathy
Liver	Intrahepatic Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Nasal cavity	Nose Nos	Degeneration, Hyaline
Pancreas		Atrophy, Focal
Pituitary gland		Hyperplasia, Chromophobe Cell
Preputial gland		Inflammation, Chronic
Prostate		Inflammation, Acute/Chronic
Spleen		Hemosiderosis
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_041

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Eye	Nasolacrimal Duct	Inflammation, Chronic
Heart	Myocardium Nos	Fibrosis
	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
	Intrahepatic Bile Duct	Hyperplasia, Nos
Lung		Perivascular Cuffing
Nasal cavity	Nose Nos	Degeneration, Hyaline
Pancreas		Hyperplasia, Nodular
	Islets	Islet-Cell Adenoma
Pituitary gland		Adenoma, Nos
Preputial gland		Inflammation, Acute/Chronic
Prostate		Degeneration, Cystic
		Inflammation, Acute/Chronic
Seminal vesicle		Atrophy, Nos
Spleen		Hemosiderosis
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:46

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

Eye	Nasolacrimal Duct	Inflammation, Chronic
Heart	Myocardium Nos	Fibrosis
	Myocardium Nos	Inflammation, Chronic
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Liver		Focal Cellular Change
		Hernia, Nos
Lung		Inflammation, Interstitial
Nasal cavity	Nose Nos	Degeneration, Hyaline
Pancreas		Atrophy, Focal
Pituitary gland		Adenoma, Nos
		Cyst, Nos
Preputial gland		Inflammation, Chronic
Prostate		Inflammation, Chronic
Spleen		Hemosiderosis
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_043

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Eye	Nasolacrimal Duct	Inflammation, Chronic
Heart	Myocardium Nos	Fibrosis
Kidney		Nephropathy
		Periarteritis
Liver		Focal Cellular Change
Pituitary gland		Cyst, Nos
		Hyperplasia, Chromophobe Cell
Prostate		Degeneration, Cystic
		Inflammation, Chronic
Spleen		Hemosiderosis
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Axilla	Neurilemoma, Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_044

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nodular
Eye	Nasolacrimal Duct	Inflammation, Chronic
Heart	Myocardium Nos	Fibrosis
Intestine Large	Colon	Parasitism
Kidney	Tubule	Nephropathy
Liver	Intrahepatic Bile Duct	Pigmentation, Nos
Nasal cavity	Nose Nos	Degeneration, Cystic
Pancreas	Islets	Focal Cellular Change
Pituitary gland		Hyperplasia, Nos
Preputial gland		Degeneration, Hyaline
Prostate		Hyperplasia, Nos
Skin		Hyperplasia, Chromophobe Cell
Spleen		Inflammation, Acute/Chronic
Testis		Inflammation, Chronic
Thyroid		Keratoacanthoma
		Hemosiderosis
		Interstitial-Cell Tumor
		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzofuran
CAS Number: 271-89-6

Date Report Requested: 10/26/2014
Time Report Requested: 13:41:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_045

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Eye	Nasolacrimal Duct	Inflammation, Chronic
Kidney		Nephropathy
		Periarteritis
Liver		Focal Cellular Change
	Intrahepatic Bile Duct	Hernia, Nos
		Hyperplasia, Nos
Lung		Inflammation, Interstitial
Nasal cavity	Nose Nos	Degeneration, Hyaline
Pituitary gland		Adenoma, Nos
Preputial gland		Inflammation, Chronic
Spleen		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:46

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_046

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Blood		Leukocytosis, Nos
Bone marrow		Hyperplasia, Granulocytic
Eye	Nasolacrimal Duct	Inflammation, Chronic
Heart	Myocardium Nos	Fibrosis
Kidney	Pelvis	Hyperplasia, Papillary
	Pelvis	Inflammation, Acute
		Nephropathy
		Nephrosis, Hydro
Nasal cavity	Nose Nos	Degeneration, Hyaline
Pituitary gland		Hyperplasia, Chromophobe Cell
Preputial gland		Inflammation, Chronic
Prostate		Inflammation, Acute/Chronic
Salivary gland		Atrophy, Nos
Spleen		Hematopoiesis
		Hemosiderosis
Thyroid		Hyperplasia, C Cell
Unspecified	Groin	Sarcoma, Nos
Urinary bladder	Mucosa	Hyperplasia, Diffuse

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:46

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

Epididymis		Cytoplasmic Vacuolization
Eye	Nasolacrimal Duct	Inflammation, Chronic
Heart	Myocardium Nos	Fibrosis
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Liver		Focal Cellular Change
	Intrahepatic Bile Duct	Hyperplasia, Nos
Lung		Hyperplasia, Adenomatous
		Perivascular Cuffing
Nasal cavity	Nose Nos	Degeneration, Hyaline
Pancreas		Atrophy, Focal
		Hyperplasia, Nodular
Preputial gland		Inflammation, Chronic
Prostate		Inflammation, Acute
Salivary gland		Atrophy, Nos
		Inflammation, Acute/Chronic
Spleen		Hemosiderosis
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Mesothelioma, Nos
Urinary bladder		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran

CAS Number: 271-89-6

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:46

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

Adrenal gland	Cortex Nos	Hyperplasia, Nodular
Blood vessel	Pulmonary Artery Nos	Mineralization
Eye	Nasolacrimal Duct	Inflammation, Chronic
Heart	Myocardium Nos	Fibrosis
	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
	Intrahepatic Bile Duct	Hyperplasia, Nos
	Periportal	Metamorphosis, Fatty
Nasal cavity	Nose Nos	Degeneration, Hyaline
Pancreas		Atrophy, Focal
	Islets	Islet-Cell Carcinoma
Pituitary gland		Adenoma, Nos
Prostate		Inflammation, Chronic
Salivary gland		Atrophy, Nos
Spleen		Hemosiderosis
Testis		Hyperplasia, Interstitial Cell
Thyroid		Cystic Follicles
		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C56166
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzofuran
CAS Number: 271-89-6

Date Report Requested: 10/26/2014
Time Report Requested: 13:41:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_049

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Blood vessel	Mesenteric Artery Nos	Periarteritis
Epididymis		Cytoplasmic Vacuolization
Eye	Nasolacrimal Duct	Inflammation, Chronic
Heart	Myocardium Nos	Fibrosis
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
		Nephrosis, Hydro
Lung		Perivascular Cuffing
Nasal cavity	Nose Nos	Degeneration, Hyaline
Pituitary gland		Angiectasis
		Cyst, Nos
Salivary gland		Degeneration, Nos
Spleen		Hemosiderosis
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

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Experiment Number: C56166
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzofuran
CAS Number: 271-89-6

Date Report Requested: 10/26/2014
Time Report Requested: 13:41:46
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_050

TRT#: 3
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nodular
Kidney		Nephropathy
Liver	Intrahepatic Bile Duct	Hyperplasia, Nos
Lung		Alveolar/Bronchiolar Adenoma
		Hyperplasia, Adenomatous
		Perivascular Cuffing
Lymph node	Submandibular Lymph Node	Hemorrhage
Mammary gland		Hyperplasia, Cystic
Prostate		Inflammation, Acute/Chronic
Spleen		Hemosiderosis
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Neck	Neurilemoma, Malignant

PRIMARY CAUSE OF DEATH

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**** END OF REPORT ****