

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

C Number: C56075

Cage Range: All

Date Range: All

Reasons For Removal: All

Removal Date Range: All

Treatment Groups: All

Study Gender: Male

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_001

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Eye		Cataract
	Retina	Degeneration, Nos
Kidney		Nephropathy
Liver		Granuloma, Nos
	Bile Duct	Hyperplasia, Nos
Lung		Hyperplasia, Adenomatous
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Atrophy, Nos
		Cyst, Nos
Seminal vesicle		Atrophy, Nos
Stomach	Forestomach	Hyperplasia, Epithelial
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_002

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Epididymis

Kidney

Preputial gland

Prostate

Seminal vesicle

Stomach

Testis

Thyroid

Unspecified

Multiple Organs Nos

Degeneration, Nos

Nephropathy

Atrophy, Nos

Cyst, Nos

Adenoma, Nos

Atrophy, Nos

Erosion

Interstitial-Cell Tumor

C-Cell Adenoma

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_003

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Preputial gland

Testis

Unspecified

Multiple Organs Nos

Atrophy, Nos

Hyperplasia, Interstitial Cell

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_004

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis, Focal
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Pancreas	Acinus	Atrophy, Nos
Preputial gland		Cyst, Nos
Prostate		Hyperplasia, Nos
Seminal vesicle		Degeneration, Nos
		Hyperplasia, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_005

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis, Focal
Intestine Large	Cecum, Colon	Edema, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lymph node		Histiocytosis
Parathyroid gland		Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Atrophy, Nos
		Carcinoma, Nos
		Cyst, Nos
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_006

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Epididymis

Edema, Nos

Kidney

Inflammation, Chronic

Liver

Nephropathy

Pituitary gland

Anterior Pituitary

Peliosis Hepatis

Preputial gland

Adenoma, Nos

Atrophy, Nos

Testis

Cyst, Nos

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_007

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephropathy
Lung		Hemorrhage
Nasal cavity		Infection, Fungal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Atrophy, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_008

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Epididymis		Cytoplasmic Vacuolization
Heart		Thrombus, Mural
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Atrophy, Nos
Testis		Cyst, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_009

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Epididymis

Kidney

Lung

Preputial gland

Seminal vesicle

Testis

Unspecified

Multiple Organs Nos

Degeneration, Nos

Nephropathy

Hyperplasia, Adenomatous

Atrophy, Nos

Inflammation, Chronic

Atrophy, Nos

Interstitial-Cell Tumor

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_010

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Reticulum Cell
Heart		Fibrosis, Focal
Kidney		Nephropathy
Liver		Clear-Cell Change
		Cytoplasmic Change, Basophilic
		Granuloma, Nos
	Bile Duct	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Adenoma, Nos
		Atrophy, Nos
		Cyst, Nos
		Inflammation, Chronic
Prostate		Hyperplasia, Nos
Seminal vesicle		Atrophy, Nos
Skin	Eyelid Nos	Inflammation, Chronic
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_011

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Mesentery Nos

Tubular-Cell Adenocarcinoma, Metastatic

Kidney

Tubular-Cell Adenocarcinoma

Liver

Peliosis Hepatis

Lung

Tubular-Cell Adenocarcinoma, Metastatic

Atelectasis

Lymph node

Tubular-Cell Adenocarcinoma, Metastatic

Plasmacytosis

Pancreas

Tubular-Cell Adenocarcinoma, Metastatic

Peritoneum

Tubular-Cell Adenocarcinoma, Metastatic

Preputial gland

Atrophy, Nos

Seminal vesicle

Fibrosis

Spleen

Tubular-Cell Adenocarcinoma, Metastatic

Testis

Interstitial-Cell Tumor

Tubular-Cell Adenocarcinoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_012

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Epididymis		Atrophy, Nos
Kidney		Nephropathy
Liver		Granuloma, Nos
Lung		Alveolar/Bronchiolar Adenoma
Mammary gland		Fibroadenoma
Nasal cavity		Inflammation, Chronic
Pituitary gland	Anterior Pituitary	Cyst, Nos
Seminal vesicle		Atrophy, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Mesothelioma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_013

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Pheochromocytoma

Pituitary gland

Anterior Pituitary

Hyperplasia, Nos

Preputial gland

Atrophy, Nos

Seminal vesicle

Atrophy, Nos

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_014

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Pheochromocytoma

Kidney

Nephropathy

Liver

Bile Duct

Hyperplasia, Nos

Lymph node

Granuloma, Nos

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Preputial gland

Cyst, Nos

Salivary gland

Cystadenoma, Nos

Testis

Interstitial-Cell Tumor

Thyroid

C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_015

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Preputial gland

Atrophy, Nos

Testis

Cyst, Nos

Unspecified

Multiple Organs Nos

Interstitial-Cell Tumor

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_016

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Adenoma, Nos
Stomach	Forestomach	Squamous Cell Papilloma
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_017

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Epididymis		Fibrosis
Heart		Fibrosis, Focal
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Preputial gland		Atrophy, Nos
		Carcinoma, Nos
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
Thyroid		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	C-Cell Adenoma
		Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_018

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Epididymis
Kidney
Liver
Pancreas
Preputial gland

Medulla

Bile Duct
Islets

Testis
Unspecified

Multiple Organs Nos

Pheochromocytoma
Degeneration, Nos
Nephropathy
Hyperplasia, Nos
Hyperplasia, Nos
Atrophy, Nos
Cyst, Nos
Interstitial-Cell Tumor
Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_019

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Alveolar/Bronchiolar Adenoma
Lymph node		Histiocytosis
		Plasmacytosis
Nasal cavity		Inflammation, Chronic
Preputial gland		Atrophy, Nos
		Inflammation, Chronic
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Mesothelioma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_020

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Epididymis		Atrophy, Nos
Kidney		Nephropathy
Mammary gland		Lactation
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Cyst, Nos
Seminal vesicle		Atrophy, Nos
Skin	Nose	Basal-Cell Tumor
		Sebaceous Adenoma
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_021

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis, Focal
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Nos
Preputial gland		Atrophy, Nos
Spleen		Infarct, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_022

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Brain		Astrocytoma
Heart		Fibrosis, Focal
Kidney		Nephropathy
Liver		Peliosis Hepatis
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Adenoma, Nos
		Atrophy, Nos
		Cyst, Nos
Seminal vesicle		Degeneration, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_023

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Blood vessel	Portal Vein	Thrombosis, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Alveolar/Bronchiolar Adenoma
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Prostate		Hyperplasia, Nos
Seminal vesicle		Atrophy, Nos
Spleen		Infarct, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_024

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain		Hemorrhage
Heart		Fibrosis, Focal
Lung		Congestion, Nos
Mammary gland		Lactation
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Hemorrhage
Preputial gland		Atrophy, Nos
		Cyst, Nos
		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_025

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain
Prostate
Testis

Glioma, Nos
Inflammation, Chronic
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_026

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Brain		Astrocytoma
Epididymis		Degeneration, Nos
Heart		Fibrosis, Focal
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Mammary gland		Lactation
Pancreas	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Atrophy, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_027

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart

Medulla

Pheochromocytoma

Kidney

Fibrosis, Focal

Liver

Thrombus, Mural

Lung

Nephropathy

Lymph node

Bile Duct

Hyperplasia, Nos

Pancreas

Carcinoma, Nos, Metastatic

Pituitary gland

Plasmacytosis

Preputial gland

Acinus

Atrophy, Nos

Spleen

Anterior Pituitary

Hyperplasia, Nos

Testis

Atrophy, Nos

Carcinoma, Nos

Metaplasia, Myeloid

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_028

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Epididymis		Degeneration, Nos
Heart		Fibrosis, Focal
Intestine Large	Rectum	Parasitism
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Peliosis Hepatis
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Cyst, Nos
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_029

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Epididymis
Kidney
Nasal cavity
Preputial gland

Degeneration, Nos
Nephropathy
Abscess, Nos
Cyst, Nos
Inflammation, Acute
Fibrosis, Focal
Interstitial-Cell Tumor
Lipoma

Spleen

Testis

Unspecified

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_030

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Epididymis

Heart

Liver

Bile Duct

Preputial gland

Testis

Thyroid

Unspecified

Urinary bladder

Multiple Organs Nos

Degeneration, Nos

Fibrosis, Focal

Hyperplasia, Nos

Metamorphosis, Fatty

Atrophy, Nos

Inflammation, Chronic

Atrophy, Nos

Interstitial-Cell Tumor

Hyperplasia, C Cell

Leukemia, Mononuclear Cell

Edema, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_031

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Heart		Fibrosis, Focal
Liver	Bile Duct	Hyperplasia, Nos
Lung		Alveolar/Bronchiolar Carcinoma
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Cyst, Nos
Seminal vesicle		Atrophy, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_032

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Pancreas

Cortex Nos

Hyperplasia, Nos
Nephropathy
Cyst, Nos

Preputial gland

Islets

Islet-Cell Adenoma
Atrophy, Nos
Cyst, Nos

Seminal vesicle

Testis

Unspecified

Multiple Organs Nos

Atrophy, Nos
Interstitial-Cell Tumor
Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_033

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney
Pituitary gland
Preputial gland

Medulla

Anterior Pituitary

Testis

Unspecified

Multiple Organs Nos

Pheochromocytoma
Fibrosis, Focal
Nephropathy
Adenoma, Nos
Atrophy, Nos
Cyst, Nos
Atrophy, Nos
Interstitial-Cell Tumor
Leukemia, Mononuclear Cell
Lipoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_034

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Liver
Lung
Preputial gland

Granuloma, Nos
Hyperplasia, Adenomatous
Atrophy, Nos
Cyst, Nos
Metaplasia, Squamous
Atrophy, Nos
Interstitial-Cell Tumor

Seminal vesicle
Testis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_035

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Epididymis		Degeneration, Nos
Heart		Fibrosis, Focal
		Thrombus, Mural
Intestine Large	Rectum	Parasitism
Kidney		Nephropathy
Lymph node		Plasmacytosis
Nasal cavity		Inflammation, Chronic
Preputial gland		Adenoma, Nos
		Atrophy, Nos
Prostate		Inflammation, Chronic
Seminal vesicle		Atrophy, Nos
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_036

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis, Focal
Kidney		Nephropathy
Lung		Embolism, Nos
Mammary gland		Fibroadenoma
Preputial gland		Abscess, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Adipose Tissue	Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_037

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis, Focal
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lymph node		Granuloma, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Adenoma, Nos
Spleen		Congestion, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_038

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Intestine Large
Kidney
Liver
Pancreas
Pituitary gland
Preputial gland

Cortex Nos
Medulla
Colon
Pelvis

Acinus
Anterior Pituitary

Hyperplasia, Nos
Pheochromocytoma
Parasitism
Dilatation, Nos
Degeneration, Cystic
Atrophy, Nos
Hyperplasia, Nos
Atrophy, Nos
Carcinoma, Nos
Cyst, Nos
Inflammation, Chronic
Metaplasia, Myeloid
Interstitial-Cell Tumor
Abscess, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_039

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis, Focal
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lymph node		Granuloma, Nos
Preputial gland		Abscess, Nos
		Atrophy, Nos
Prostate		Hyperplasia, Nos
		Inflammation, Acute
Spleen		Metaplasia, Myeloid
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_040

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Liver
Nasal cavity
Pituitary gland
Preputial gland

Testis
Thyroid
Unspecified

Medulla

Bile Duct

Anterior Pituitary

Multiple Organs Nos

Pheochromocytoma
Nephropathy
Hyperplasia, Nos
Hemorrhage
Adenoma, Nos
Atrophy, Nos
Cyst, Nos
Interstitial-Cell Tumor
Hyperplasia, C Cell
Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_041

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain		Astrocytoma
Heart		Alveolar/Bronchiolar Carcinoma, Metastatic
Kidney		Nephropathy
Liver		Metamorphosis, Fatty
Lung		Alveolar/Bronchiolar Carcinoma
Lymph node	Mediastinal Lymph Node	Alveolar/Bronchiolar Carcinoma, Metastatic
Nasal cavity		Thrombosis, Nos
Preputial gland		Cyst, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_042

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney
Preputial gland

Nephropathy

Atrophy, Nos

Cyst, Nos

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_043

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Bone marrow
Epididymis
Kidney
Preputial gland

Medulla

Pheochromocytoma
Fibrosis, Myelo
Fibrosis
Nephropathy
Atrophy, Nos
Cyst, Nos
Edema, Nos
Interstitial-Cell Tumor
C-Cell Adenoma
Leukemia, Mononuclear Cell

Stomach

Testis

Thyroid

Unspecified

Multiple Organs Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_044

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Epididymis		Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Peliosis Hepatis
Pancreas	Acinus	Atrophy, Nos
	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Preputial 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: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_045

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Bone marrow
Heart

Medulla

Pheochromocytoma

Kidney
Liver

Hypoplasia, Nos

Fibrosis, Focal

Thrombus, Mural

Nephropathy

Infarct, Nos

Lymph node
Preputial gland
Testis

Peliosis Hepatis

Hemorrhage

Atrophy, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_046

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Endocardium Nos	Fibrosis, Focal Necrosis, Focal
Kidney		Infarct, Nos Nephropathy
Liver	Bile Duct	Hyperplasia, Nos Metamorphosis, Fatty Necrosis, Nos
Testis Unspecified	Multiple Organs Nos	Interstitial-Cell Tumor Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_047

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Epididymis

Heart

Liver

Bile Duct

Lung

Preputial gland

Seminal vesicle

Testis

Thyroid

Tongue

Trachea

Unspecified

Degeneration, Nos

Fibrosis, Focal

Hyperplasia, Nos

Peliosis Hepatis

Sarcoma, Nos, Metastatic

Atrophy, Nos

Atrophy, Nos

Interstitial-Cell Tumor

Sarcoma, Nos, Metastatic

Squamous Cell Papilloma

Sarcoma, Nos, Metastatic

Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_048

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Liver

Neoplastic Nodule

Preputial gland

Cyst, Nos

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

Adipose Tissue

Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_049

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Epididymis
Heart

Medulla

Pheochromocytoma
Degeneration, Nos
Infarct, Nos
Neurilemoma

Intestine Large
Kidney

Rectum

Parasitism
Nephropathy

Liver
Lymph node
Preputial gland

Bile Duct

Hyperplasia, Nos
Histiocytosis
Cyst, Nos

Testis
Thymus
Thyroid

Interstitial-Cell Tumor
Hyperplasia, Nos
C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_050

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 625 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Preputial gland		Atrophy, Nos
Prostate		Hyperplasia, Nos
Skin		Keratoacanthoma
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_001

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 313 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis, Focal
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Pancreas	Acinus	Atrophy, Nos
Preputial gland		Atrophy, Nos
Testis		Cyst, Nos
Unspecified	Multiple Organs Nos	Interstitial-Cell Tumor
		Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_002

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 313 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Liver

Peliosis Hepatis

Lung

Alveolar/Bronchiolar Adenoma

Seminal vesicle

Atrophy, Nos

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

Adipose Tissue

Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_003

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 313 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Brain		Hemorrhage
Kidney		Nephropathy
Liver		Congestion, Nos
		Granuloma, Nos
Lung		Atelectasis
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Abscess, Nos
Prostate		Adenoma, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_004

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 313 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis, Focal
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Nasal cavity		Inflammation, Chronic
Prostate		Adenoma, Nos
Spleen		Congestion, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_005

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 313 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney
Preputial gland

Testis

Unspecified

Nephropathy
Adenoma, Nos
Cyst, Nos
Hyperplasia, Interstitial Cell
Interstitial-Cell Tumor
Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_006

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 313 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis, Focal
Kidney		Nephropathy
		Nephrosis, Cholemic
Liver	Bile Duct	Hyperplasia, Nos
		Peliosis Hepatis
Pancreas	Acinus	Atrophy, Nos
Preputial gland		Atrophy, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_007

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 313 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Epididymis

Kidney

Liver

Preputial gland

Seminal vesicle

Testis

Unspecified

Bile Duct

Degeneration, Nos

Nephropathy

Hyperplasia, Nos

Cyst, Nos

Atrophy, Nos

Interstitial-Cell Tumor

Fibrous Histiocytoma, Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_008

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 313 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephropathy
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Prostate		Adenoma, Nos
Seminal vesicle		Atrophy, Nos
Testis		Interstitial-Cell Tumor
Thymus		Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_009

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 313 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis, Focal
Kidney		Nephropathy
Lung		Hyperplasia, Adenomatous
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_010

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 313 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Blood vessel	Sup.Panc-Duod.Artery	Periarteritis
Epididymis		Degeneration, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Cyst, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_011

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 313 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Epididymis		Degeneration, Nos
Intestine Large	Cecum, Colon	Inflammation, Acute
Kidney		Necrosis, Focal
		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Preputial gland		Atrophy, Nos
Seminal vesicle		Atrophy, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_012

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 313 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis, Focal
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Parathyroid gland		Hyperplasia, Secondary
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Atrophy, Nos
		Cyst, Nos
Seminal vesicle		Atrophy, Nos
Skin		Hyperkeratosis
Spleen		Fibrosis, Focal
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_013

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 313 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Epididymis		Granuloma, Spermatic
Heart		Fibrosis, Focal
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Hyperplasia, Adenomatous
Pancreas		Atrophy, Focal
	Islets	Islet-Cell Carcinoma
Preputial gland		Cyst, Nos
Skin		Squamous Cell Papilloma
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_014

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 313 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Epididymis		Degeneration, Nos
Kidney		Nephropathy
Liver		Hyperplastic Nodule
		Peliosis Hepatis
Lung		Alveolar/Bronchiolar Adenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Atrophy, Nos
		Cyst, Nos
Seminal vesicle		Atrophy, Nos
Spleen		Metaplasia, Myeloid
Testis		Interstitial-Cell Tumor
Unspecified	Adipose Tissue	Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_015

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 313 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Liver
Pituitary gland
Preputial gland

Medulla

Anterior Pituitary

Spleen
Testis
Unspecified

Multiple Organs Nos

Pheochromocytoma
Nephropathy
Granuloma, Nos
Adenoma, Nos
Cyst, Nos
Inflammation, Chronic
Metaplasia, Myeloid
Interstitial-Cell Tumor
Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_016

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 313 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Pheochromocytoma

Kidney

Nephropathy

Liver

Bile Duct

Hyperplasia, Nos

Lung

Alveolar/Bronchiolar Adenoma

Pancreas

Acinar-Cell Adenoma

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Preputial gland

Abscess, Nos

Seminal vesicle

Atrophy, Nos

Testis

Atrophy, Nos

Scrotum Nos

Hydrocele

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_017

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 313 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Hyperplasia, Nos Pheochromocytoma
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos Peliosis Hepatis
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Atrophy, Nos Cyst, Nos
Prostate		Inflammation, Acute
Seminal vesicle		Atrophy, Nos
Spleen		Infarct, Nos
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Carcinoma
Unspecified	Adipose Tissue Multiple Organs Nos	Atrophy, Brown Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_018

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 313 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic Focal
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Hyperplasia, Adenomatous
Oral mucosa	Palate Nos	Squamous Cell Papilloma
Preputial gland		Atrophy, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_019

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 313 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Aortic Valve Nos	Thrombosis, Nos
Intestine Large	Colon	Edema, Nos
Preputial gland		Atrophy, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_020

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 313 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Liver

Bile Duct

Hyperplasia, Nos

Pancreas

Acinus

Atrophy, Nos

Preputial gland

Adenoma, Nos

Cyst, Nos

Seminal vesicle

Atrophy, Nos

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_021

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 313 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Peliosis Hepatis
Pancreas	Acinus	Atrophy, Nos
Skin		Cyst, Epidermal Inclusion
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_022

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 313 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Epididymis

Kidney

Liver

Mammary gland

Preputial gland

Testis

Unspecified

Multiple Organs Nos

Fibrosis

Nephropathy

Peliosis Hepatis

Fibroadenoma

Atrophy, Nos

Cyst, Nos

Atrophy, Nos

Interstitial-Cell Tumor

Leukemia, Mononuclear Cell

Neoplasm, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_023

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 313 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Epididymis

Degeneration, Nos

Eye

Cataract

Retina

Degeneration, Nos

Liver

Phthisis Bulbi

Oral mucosa

Bile Duct

Hyperplasia, Nos

Pituitary gland

Palate Nos

Squamous Cell Papilloma

Preputial gland

Anterior Pituitary

Hyperplasia, Nos

Testis

Cyst, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_024

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 313 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Epididymis		Degeneration, Nos
Eye		Cataract
	Retina	Degeneration, Nos
Heart		Fibrosis, Focal
		Thrombus, Mural
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Pituitary gland	Intermedia	Cyst, Nos
	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Atrophy, Nos
		Cyst, Nos
Seminal vesicle		Atrophy, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
	Adipose Tissue	Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_025

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 313 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Epididymis

Lung

Lymph node

Pituitary gland

Preputial gland

Testis

Unspecified

Anterior Pituitary

Multiple Organs Nos

Degeneration, Nos

Hyperplasia, Adenomatous

Hematoma, Organized

Lymphangiectasis

Adenoma, Nos

Atrophy, Nos

Inflammation, Chronic

Interstitial-Cell Tumor

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_026

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 313 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Heart		Fibrosis, Focal
Kidney		Nephropathy
Liver		Peliosis Hepatis
Pituitary gland	Anterior Pituitary	Cyst, Nos
Preputial gland		Abscess, Nos
		Inflammation, Chronic
Seminal vesicle		Atrophy, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
	Adipose Tissue	Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_027

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 313 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Epididymis		Degeneration, Nos
Intestine Large	Cecum, Colon	Edema, Nos
	Cecum, Colon	Erosion
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Pancreas	Acinus	Atrophy, Nos
Preputial gland		Abscess, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_028

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 313 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Epididymis		Degeneration, Nos
Kidney		Nephropathy
Liver		Peliosis Hepatis
Pancreas	Acinus	Atrophy, Nos
Parathyroid gland		Hyperplasia, Secondary
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Atrophy, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_029

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 313 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Pheochromocytoma

Epididymis

Degeneration, Nos

Kidney

Nephropathy

Liver

Degeneration, Hydropic

Pituitary gland

Anterior Pituitary

Hyperplasia, Nos

Preputial gland

Cyst, Nos

Skin

Hyperkeratosis

Testis

Sebaceous Adenoma

Unspecified

Multiple Organs Nos

Interstitial-Cell Tumor

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_030

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 313 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Epididymis	Degeneration, Nos
Kidney	Nephropathy
Liver	Peliosis Hepatis
Lung	Alveolar/Bronchiolar Adenoma
Preputial gland	Cyst, Nos
Spleen	Metaplasia, Myeloid
Testis	Atrophy, Nos
	Interstitial-Cell Tumor
Thyroid	Hyperplasia, C Cell
Unspecified	Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_031

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 313 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis, Focal
Kidney		Nephropathy
Lymph node		Histiocytosis
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Abscess, Nos
		Adenoma, Nos
Prostate		Hyperplasia, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_032

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 313 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Epididymis

Kidney

Lung

Pancreas

Islets

Preputial gland

Testis

Degeneration, Nos

Nephropathy

Alveolar/Bronchiolar Carcinoma

Islet-Cell Adenoma

Inflammation, Chronic

Atrophy, Nos

Interstitial-Cell Tumor

C-Cell Adenoma

Thyroid

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_033

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 313 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Epididymis
Intestine Large
Kidney
Liver
Pituitary gland
Preputial gland

Cecum, Colon

Bile Duct
Anterior Pituitary

Atrophy, Nos
Erosion
Nephropathy
Hyperplasia, Nos
Infarct, Nos
Abscess, Nos
Atrophy, Nos
Erosion
Hyperplasia, Interstitial Cell

Stomach

Testis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:28

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_034

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 313 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Epididymis		Degeneration, Nos
Kidney		Nephropathy
Lung		Alveolar/Bronchiolar Adenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Cyst, Nos
Prostate		Adenoma, Nos
Seminal vesicle		Atrophy, Nos
Testis		Interstitial-Cell Tumor
Thyroid		Metaplasia, Squamous
Unspecified		Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_035

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 313 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Pheochromocytoma

Heart

Fibrosis, Focal

Kidney

Nephropathy

Liver

Granuloma, Nos

Bile Duct

Hyperplasia, Nos

Lung

Atelectasis

Lymph node

Histiocytosis

Parathyroid gland

Hyperplasia, Secondary

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Preputial gland

Cyst, Nos

Skin

Inflammation, Acute

Testis

Keratoacanthoma

Polyangiitis

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_036

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 313 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Epididymis
Heart
Kidney
Lung
Pituitary gland
Preputial gland
Spleen
Testis

Medulla

Anterior Pituitary

Pheochromocytoma
Degeneration, Nos
Fibrosis, Focal
Nephropathy
Hyperplasia, Adenomatous
Adenoma, Nos
Cyst, Nos
Metaplasia, Myeloid
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_037

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 313 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Epididymis		Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Hemorrhage
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
Preputial gland		Atrophy, Nos
Prostate		Atrophy, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_038

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 313 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart

Medulla

Pheochromocytoma
Fibrosis, Focal
Thrombus, Mural

Kidney

Nephropathy

Liver

Bile Duct

Hyperplasia, Nos

Pancreas

Islets

Islet-Cell Carcinoma

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Preputial gland

Atrophy, Nos

Unspecified

Multiple Organs Nos

Cyst, Nos

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_039

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 313 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Epididymis		Degeneration, Nos
Heart		Fibrosis, Focal
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
Preputial gland		Atrophy, Nos
Prostate		Inflammation, Acute
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_040

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 313 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Epididymis		Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lymph node		Hyperplasia, Nos
Pancreas	Acinus	Atrophy, Nos
Preputial gland		Cyst, Nos
Testis		Inflammation, Chronic
Unspecified	Multiple Organs Nos	Interstitial-Cell Tumor
		Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_041

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 313 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Liver

Peliosis Hepatis

Preputial gland

Cyst, Nos

Seminal vesicle

Dilatation, Nos

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_042

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 313 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Epididymis

Heart

Pituitary gland

Preputial gland

Testis

Unspecified

Anterior Pituitary

Multiple Organs Nos

Atrophy, Nos

Fibrosis, Focal

Hyperplasia, Nos

Atrophy, Nos

Interstitial-Cell Tumor

Fibroma

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_043

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 313 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Lymph node

Cortex Nos

Hyperplasia, Nos

Nephropathy

Histiocytosis

Plasmacytosis

Preputial gland

Atrophy, Nos

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_044

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 313 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Epididymis		Degeneration, Nos
Heart		Thrombus, Mural
Kidney		Nephropathy
Lung		Hemorrhage
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Abscess, Nos
		Cyst, Nos
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
	Adipose Tissue	Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_045

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 313 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephropathy
Lymph node		Hemorrhage
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Nos
Preputial gland		Atrophy, Nos
		Cyst, Nos
Skin		Sebaceous Adenoma
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Unspecified		Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_046

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 313 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney
Liver

Medulla

Pheochromocytoma
Neurilemoma
Nephropathy
Hyperplastic Nodule
Peliosis Hepatis

Pituitary gland
Preputial gland

Anterior Pituitary

Adenoma, Nos
Cyst, Nos
Inflammation, Chronic

Prostate
Testis

Adenoma, Nos
Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos
Adipose Tissue

Leukemia, Mononuclear Cell
Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_047

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 313 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Liver		Neoplastic Nodule
Lymph node		Lymphangiectasis
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Nos
Preputial gland		Cyst, Nos
Spleen		Metaplasia, Myeloid
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_048

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 313 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis, Focal Neurilemoma
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Mammary gland		Fibroadenoma
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Cyst, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Follicular-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_049

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 313 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain		Hydrocephalus, Nos
Heart		Fibrosis, Focal
Kidney		Nephropathy
Mammary gland		Lactation
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Atrophy, Nos
		Inflammation, Acute
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_050

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 313 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Epididymis

Degeneration, Nos

Kidney

Nephropathy

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Preputial gland

Cyst, Nos

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_001

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Epididymis		Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Pancreas	Islets	Islet-Cell Adenoma
Preputial gland		Atrophy, Nos
Skeletal muscle		Abscess, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_002

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Preputial gland

Testis

Unspecified

Multiple Organs Nos

Atrophy, Nos

Interstitial-Cell Tumor

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_003

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Bone		Fibrous Osteodystrophy
Heart		Fibrosis, Focal
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Peliosis Hepatis
Pancreas	Acinus	Atrophy, Nos
	Islets	Hyperplasia, Nos
Parathyroid gland		Hyperplasia, Secondary
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Atrophy, Nos
Spleen		Fibrosis
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:29

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	Pheochromocytoma
Heart		Fibrosis, Focal
Intestine Large	Cecum, Colon	Parasitism
Kidney		Nephropathy
Liver		Clear-Cell Change
	Bile Duct	Cytoplasmic Change, Basophilic
		Hyperplasia, Nos
		Peliosis Hepatis
Lung		Hemorrhage
Lymph node		Plasmacytosis
Mammary gland		Lactation
Pancreas	Acinus	Atrophy, Nos
Parathyroid gland		Hyperplasia, Secondary
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Abscess, Nos
		Inflammation, Chronic
Spleen		Congestion, Nos
Testis		Interstitial-Cell Tumor
Thyroid		Cyst, Nos
		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_005

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Nos

Epididymis

Medulla

Pheochromocytoma

Kidney

Degeneration, Nos

Preputial gland

Nephropathy

Seminal vesicle

Atrophy, Nos

Testis

Atrophy, Nos

Unspecified

Multiple Organs Nos

Interstitial-Cell Tumor

Adipose Tissue

Leukemia, Mononuclear Cell

Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_006

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Epididymis		Degeneration, Nos
Heart		Thrombus, Mural
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lymph node		Hyperplasia, Nos
Preputial gland		Cyst, Nos
Seminal vesicle		Atrophy, Nos
Skin		Keratoacanthoma
Spleen		Congestion, Nos
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:29

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

Bone		Fibrous Osteodystrophy
Epididymis		Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Peliosis Hepatis
Parathyroid gland		Hyperplasia, Secondary
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Atrophy, Nos
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:29

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
Epididymis
Heart
Kidney
Liver
Pancreas
Pituitary gland
Preputial gland

Medulla

Bile Duct
Islets
Anterior Pituitary

Testis
Unspecified

Multiple Organs Nos

Pheochromocytoma
Degeneration, Nos
Fibrosis, Focal
Nephropathy
Hyperplasia, Nos
Islet-Cell Carcinoma
Adenoma, Nos
Cyst, Nos
Inflammation, Chronic
Interstitial-Cell Tumor
Abscess, Nos
Fibroma
Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_009

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Epididymis		Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Cyst, Nos
Prostate		Adenoma, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
	Adipose Tissue	Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_010

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Pheochromocytoma

Heart

Fibrosis, Focal

Kidney

Nephropathy

Liver

Bile Duct

Hyperplasia, Nos

Lung

Congestion, Nos

Seminal vesicle

Atrophy, Nos

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:29

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

Kidney		Nephropathy
Liver		Congenital Malformation, Nos
		Peliosis Hepatis
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Cyst, Nos
Spleen		Metaplasia, Myeloid
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_012

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis, Focal
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Hyperplasia, Adenomatous
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Cyst, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_013

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Brain		Glioma, Nos
Epididymis		Cytoplasmic Vacuolization
Heart		Fibrosis, Focal
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Atelectasis
		Hyperplasia, Adenomatous
Pancreas	Acinus	Atrophy, Nos
Preputial gland		Inflammation, Chronic
Prostate		Adenoma, Nos
Skin		Squamous Cell Papilloma
Spleen		Congestion, Nos
Testis		Interstitial-Cell Tumor
Unspecified		Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_014

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Nos

Kidney

Medulla

Pheochromocytoma

Liver

Bile Duct

Nephropathy

Lung

Hyperplasia, Nos

Lymph node

Congestion, Nos

Pancreas

Islets

Hyperplasia, Nos

Pituitary gland

Anterior Pituitary

Islet-Cell Adenoma

Testis

Adenoma, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:29

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
Kidney
Liver
Pancreas
Preputial gland

Medulla

Bile Duct
Acinus

Seminal vesicle
Testis
Unspecified

Pheochromocytoma
Nephropathy
Hyperplasia, Nos
Atrophy, Nos
Adenoma, Nos
Cyst, Nos
Atrophy, Nos
Interstitial-Cell Tumor
Granuloma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_016

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Blood vessel	Portal Vein	Thrombus, Organized
Brain		Hemorrhage
Epididymis		Degeneration, Nos
Heart		Hemorrhage
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Infarct, Nos
Pancreas		Hematoma, Nos
Pituitary gland	Anterior Pituitary	Hemorrhage
Preputial gland		Atrophy, Nos
Skin		Squamous Cell Papilloma
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified		Abscess, Nos
	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_017

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Nos

Blood vessel

Medulla

Pheochromocytoma

Epididymis

Jugular Vein Nos

Thrombosis, Nos

Heart

Degeneration, Nos

Kidney

Fibrosis, Focal

Liver

Bile Duct

Thrombus, Mural

Nephropathy

Hyperplasia, Nos

Preputial gland

Peliosis Hepatis

Testis

Atrophy, Nos

Unspecified

Interstitial-Cell Tumor

Multiple Organs Nos

Granuloma, Nos

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Diphenhydramine hydrochloride
CAS Number: 147-24-0

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_018

TRT#: 3
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Blood vessel	Artery Nos	Calcification, Medial
Eye		Cataract
	Retina	Degeneration, Nos
Heart		Fibrosis, Focal
Kidney		Nephropathy
Liver		Peliosis Hepatis
Parathyroid gland		Hyperplasia, Secondary
Pituitary gland	Intermedia	Cyst, Nos
Preputial gland		Atrophy, Nos
Prostate		Hyperplasia, Nos
Seminal vesicle		Atrophy, Nos
Stomach	Glandular Stomach	Calcification, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:29

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	Degeneration, Nos
Epididymis		Cytoplasmic Vacuolization
Eye	Retina	Atrophy, Nos
	Sclera	Metaplasia, Osseous
Heart		Fibrosis, Focal
Kidney		Nephropathy
Liver		Cytoplasmic Change, Eosinophilic
		Degeneration, Cystic
	Bile Duct	Hyperplasia, Nos
Mammary gland		Lactation
Preputial gland		Atrophy, Nos
		Cyst, Nos
		Inflammation, Chronic
Prostate		Inflammation, Acute
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:29

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

Adrenal gland

Cortex Nos

Hyperplasia, Nos

Heart

Fibrosis, Focal

Kidney

Nephropathy

Mammary gland

Fibroadenoma

Preputial gland

Cyst, Nos

Prostate

Adenoma, Nos

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_021

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Epididymis
Kidney
Nasal cavity
Parathyroid gland
Preputial gland

Skin
Spleen
Testis

Medulla

Pheochromocytoma
Degeneration, Nos
Nephropathy
Hemorrhage
Hyperplasia, Secondary
Cyst, Nos
Hyperplasia, Focal
Cyst, Epidermal Inclusion
Sarcoma, Nos
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_022

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Nos

Brain

Degeneration, Myelin

Epididymis

Degeneration, Nos

Heart

Fibrosis, Focal

Lung

Hyperplasia, Adenomatous

Preputial gland

Atrophy, Nos

Spleen

Congestion, Nos

Testis

Interstitial-Cell Tumor

Unspecified

Adipose Tissue

Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:29

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
Epididymis
Heart

Medulla

Pheochromocytoma
Degeneration, Nos
Fibrosis, Focal
Thrombus, Mural
Nephropathy
Clear-Cell Change
Cytoplasmic Change, Basophilic
Degeneration, Cystic

Kidney
Liver

Bile Duct

Hyperplasia, Nos
Peliosis Hepatis

Pituitary gland
Preputial gland

Anterior Pituitary

Hyperplasia, Nos
Atrophy, Nos
Inflammation, Chronic
Interstitial-Cell Tumor
C-Cell Adenoma

Testis
Thyroid

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_024

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone		Fibrous Osteodystrophy
Epididymis		Fibrosis
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Hemorrhage
	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Atrophy, Nos
		Cyst, Nos
Skin		Hyperkeratosis
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_025

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver		Metamorphosis, Fatty
Lymph node	Mandibular Lymph Node	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Seminal vesicle		Atrophy, Nos
Stomach	Forestomach	Squamous Cell Papilloma
Testis		Interstitial-Cell Tumor
Zymbal gland		Carcinoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_026

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain	Optic Nerve	Hemorrhage
		Hydrocephalus, Nos
Heart		Fibrosis, Focal
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lymph node		Plasmacytosis
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Atrophy, Nos
Prostate		Inflammation, Acute
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thymus		Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_027

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis, Focal
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Preputial gland		Atrophy, Nos
		Inflammation, Chronic
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:29

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

Epididymis
Kidney
Liver
Preputial gland

Degeneration, Nos
Nephropathy
Peliosis Hepatis
Atrophy, Nos
Inflammation, Chronic
Cyst, Epidermal Inclusion
Interstitial-Cell Tumor
C-Cell Adenoma
Hematoma, Nos
Leukemia, Mononuclear Cell

Skin
Testis
Thyroid
Unspecified

Abdominal Wall Nos
Multiple Organs Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:29

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

Bone marrow

Hyperplasia, Nos

Brain

Hemorrhage

Kidney

Nephropathy

Liver

Bile Duct

Hyperplasia, Nos

Preputial gland

Atrophy, Nos

Testis

Atrophy, Nos

Unspecified

Multiple Organs Nos

Interstitial-Cell Tumor

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_030

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Kidney

Cortex Nos

Infarct, Focal

Infarct, Nos

Nephropathy

Liver
Pituitary gland
Preputial gland

Anterior Pituitary

Metamorphosis, Fatty

Adenoma, Nos

Abscess, Nos

Atrophy, Nos

Stomach

Erosion

Granuloma, Foreign Body

Testis

Interstitial-Cell Tumor

Thymus

Atrophy, Nos

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_031

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Lung		Hemorrhage
Preputial gland		Atrophy, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Urinary bladder		Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_033

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Epididymis
Kidney
Liver
Preputial gland

Medulla

Pheochromocytoma
Degeneration, Nos
Nephropathy
Peliosis Hepatis
Atrophy, Nos
Carcinoma, Nos
Infarct, Nos
Interstitial-Cell Tumor
Leukemia, Mononuclear Cell
Necrosis, Fat

Spleen
Testis
Unspecified

Multiple Organs Nos
Adipose Tissue

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_034

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland		Congestion, Nos
Heart		Neurilemoma
Intestine Large	Cecum, Colon	Ulcer, Nos
Kidney		Nephropathy
Liver		Congestion, Nos
	Bile Duct	Hyperplasia, Nos
Lung		Congestion, Nos
Preputial gland		Atrophy, Nos
		Cyst, Nos
Seminal vesicle		Atrophy, Nos
Skin		Cyst, Epidermal Inclusion
Spleen		Congestion, Nos
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_035

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos Infarct, Nos
Mammary gland		Lactation
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Atrophy, Nos
Seminal vesicle		Atrophy, Nos
Skin		Keratoacanthoma
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_036

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Epididymis		Fibrosis
Heart		Thrombus, Mural
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
Preputial gland		Atrophy, Nos
		Inflammation, Chronic
Seminal vesicle		Atrophy, Nos
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
	Adipose Tissue	Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_037

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart

Fibrosis, Focal

Liver

Bile Duct

Hyperplasia, Nos

Preputial gland

Metamorphosis, Fatty

Seminal vesicle

Cyst, Nos

Testis

Atrophy, Nos

Thyroid

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Cyst, Follicular Nos

Leukemia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_038

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Epididymis

Kidney

Liver

Preputial gland

Bile Duct

Skin

Spleen

Testis

Thyroid

Degeneration, Nos

Nephropathy

Hyperplasia, Nos

Adenoma, Nos

Cyst, Nos

Keratoacanthoma

Metaplasia, Myeloid

Atrophy, Nos

Interstitial-Cell Tumor

C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:29

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

Bone		Fibrous Osteodystrophy
Epididymis		Degeneration, Nos
Heart	Epicardium	Alveolar/Bronchiolar Carcinoma, Metastatic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Alveolar/Bronchiolar Carcinoma
Lymph node	Pleura Nos	Alveolar/Bronchiolar Carcinoma, Metastatic
		Hemorrhage
		Plasmacytosis
Pancreas	Acinus	Atrophy, Nos
Preputial gland		Abscess, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_040

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Epididymis

Liver

Bile Duct

Lymph node

Preputial gland

Seminal vesicle

Testis

Unspecified

Multiple Organs Nos

Degeneration, Nos

Congenital Malformation, Nos

Hyperplasia, Nos

Plasmacytosis

Adenoma, Nos

Cyst, Nos

Atrophy, Nos

Interstitial-Cell Tumor

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:29

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

Epididymis

Degeneration, Nos

Eye

Cataract

Retina

Degeneration, Nos

Kidney

Nephropathy

Liver

Bile Duct

Hyperplasia, Nos

Pancreas

Acinus

Atrophy, Nos

Preputial gland

Cyst, Nos

Seminal vesicle

Atrophy, Nos

Testis

Interstitial-Cell Tumor

Thyroid

C-Cell Adenoma

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_042

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Epididymis		Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Peliosis Hepatis
Lung		Hyperplasia, Adenomatous
		Pneumonia, Interstitial Chronic
Lymph node		Hyperplasia, Nos
Mammary gland		Lactation
Pancreas	Islets	Islet-Cell Carcinoma
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Cyst, Nos
		Inflammation, Chronic
Seminal vesicle		Atrophy, Nos
Spleen		Fibrosis, Focal
		Metaplasia, Myeloid
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_043

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Metamorphosis, Fatty

Brain

Medulla

Pheochromocytoma

Epididymis

Hemorrhage

Kidney

Degeneration, Nos

Liver

Nephropathy

Nasal cavity

Metamorphosis, Fatty

Parathyroid gland

Infection, Fungal

Pituitary gland

Inflammation, Acute

Preputial gland

Anterior Pituitary

Hyperplasia, Secondary

Testis

Adenoma, Nos

Unspecified

Multiple Organs Nos

Cyst, Nos

Inflammation, Chronic

Interstitial-Cell Tumor

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Diphenhydramine hydrochloride
CAS Number: 147-24-0

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_044

TRT#: 3
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Bone		Fibrous Osteodystrophy
Heart		Fibrosis, Focal
Kidney		Cyst, Nos
		Nephropathy
Liver		Congestion, Chronic Passive
		Necrosis, Nos
Lung		Histiocytosis
Oral mucosa	Palate Nos	Squamous Cell Papilloma
Parathyroid gland		Hyperplasia, Secondary
Preputial gland		Cyst, Nos
		Inflammation, Chronic
Seminal vesicle		Atrophy, Nos
Skin		Sebaceous Adenoma
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Diphenhydramine hydrochloride
CAS Number: 147-24-0

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:29
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	Cortex Nos Medulla	Hyperplasia, Nos Pheochromocytoma
Epididymis		Cytoplasmic Vacuolization
Heart		Fibrosis, Focal
Intestine Large	Rectum	Parasitism
Kidney		Nephropathy
Liver		Clear-Cell Change Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos Peliosis Hepatis
Lymph node		Lymphangiectasis
Nasal cavity		Inflammation, Acute
Pancreas	Acinus	Atrophy, Nos
Preputial gland		Adenoma, Nos Cyst, Nos
Seminal vesicle		Degeneration, Nos
Stomach	Forestomach	Squamous Cell Papilloma
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_046

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Epididymis

Degeneration, Nos

Heart

Fibrosis, Focal

Kidney

Nephropathy

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Preputial gland

Cyst, Nos

Seminal vesicle

Atrophy, Nos

Spleen

Metaplasia, Myeloid

Testis

Atrophy, Nos

Unspecified

Adipose Tissue

Interstitial-Cell Tumor

Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:29

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		Degeneration, Nos
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lymph node		Plasmacytosis
Preputial gland		Cyst, Nos
Prostate		Inflammation, Chronic
Skin	Eyelid Nos	Inflammation, Acute
Spleen		Cyst, Epidermal Inclusion
Testis		Congestion, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_048

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver

Necrosis, Nos

Lymph node

Histiocytosis

Preputial gland

Atrophy, Nos

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Mesothelioma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Diphenhydramine hydrochloride

CAS Number: 147-24-0

Date Report Requested: 10/26/2014

Time Report Requested: 10:56:29

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_049

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis, Focal
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Preputial gland		Atrophy, Nos
Skin		Hyperkeratosis
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
	Multiple Organs Nos	Mesothelioma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56075
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Diphenhydramine hydrochloride
CAS Number: 147-24-0

Date Report Requested: 10/26/2014
Time Report Requested: 10:56:29
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

Epididymis		Degeneration, Nos Inflammation, Chronic
Heart		Fibrosis, Focal
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lymph node		Plasmacytosis
Oral mucosa		Squamous Cell Carcinoma
Preputial gland		Atrophy, Nos
Testis		Cyst, Nos Atrophy, Nos Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****