

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

C Number: C03598

Cage Range: All

Date Range: All

Reasons For Removal: All

Removal Date Range: All

Treatment Groups: All

Study Gender: Male

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_001

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain

Kidney

Prostate

Testis

Unspecified

Multiple Organs Nos

Hemorrhage

Inflammation, Chronic

Inflammation, Acute

Interstitial-Cell Tumor

Lymphoma, Undifferentiated-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_002

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Liver		Metamorphosis, Fatty
Lung		Alveolar/Bronchiolar Adenoma
Pituitary gland		Angiectasis
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_003

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Angiectasis

Kidney

Pyelonephritis, Acute

Prostate

Inflammation, Acute Suppurative

Testis

Hyperplasia, Interstitial Cell

Thyroid

Cystic Follicles

Urinary bladder

Inflammation, Acute Hemorrhagic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_004

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Pancreas

Testis

Myocardium Nos

Acinus

Cortical Carcinoma

Fibrosis

Inflammation, Chronic

Cytoplasmic Vacuolization

Hyperplasia, Alveolar Epithelium

Atrophy, Focal

Periarteritis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_005

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Liver		Necrosis, Nos
Lung	Alveoli	Histiocytosis
Prostate		Inflammation, Acute
Unspecified	Multiple Organs Nos	Lymphoma, Undifferentiated-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_006

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Nos

Kidney

Inflammation, Chronic

Liver

Hepatocytomegaly

Bile Duct

Hyperplasia, Nos

Pituitary gland

Adenoma, Nos

Prostate

Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_007

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Pancreas

Pituitary gland

Testis

Unspecified

Myocardium Nos

Multiple Organs Nos

Pheochromocytoma

Fibrosis

Inflammation, Chronic

Periarteritis

Adenoma, Nos

Hyperplasia, Interstitial Cell

Lymphoma, Undifferentiated-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_008

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Testis

Pheochromocytoma

Inflammation, Chronic

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_009

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Liver

Testis

Thyroid

Bile Duct

Pheochromocytoma

Inflammation, Chronic

Cytoplasmic Vacuolization

Hyperplasia, Nos

Interstitial-Cell Tumor

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_010

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Liver

Testis

Cortical Carcinoma

Inflammation, Chronic

Cytoplasmic Vacuolization

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_011

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Intestine Small	Ileum	Lipoma
Kidney		Inflammation, Chronic
Liver		Bile Duct Carcinoma
Lung	Alveoli	Histiocytosis
Prostate		Inflammation, Acute Suppurative
Spleen		Lymphoma, Undifferentiated-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_012

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney	Inflammation, Chronic
Liver	Cytoplasmic Vacuolization
Salivary gland	Lymphoma, Histiocytic-Malignant Type
Testis	Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_013

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Liver

Lung

Testis

Alveoli

Inflammation, Chronic

Neoplastic Nodule

Histiocytosis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_014

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Cortex

Cyst, Nos

Inflammation, Chronic

Liver

Centrilobular

Necrosis, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_015

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Prostate

Inflammation, Suppurative

Testis

Hyperplasia, Interstitial Cell

Zymbal gland

Carcinoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_016

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Lung	Alveoli	Histiocytosis
Pancreas	Islets	Islet-Cell Adenoma
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_017

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain	Hemorrhage
Kidney	Inflammation, Chronic
Liver	Necrosis, Focal
Prostate	Inflammation, Acute Hemorrhagic
Testis	Interstitial-Cell Tumor
Thyroid	Cyst, Follicular Nos
Urinary bladder	Inflammation, Acute Hemorrhagic

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_018

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow

Fibrosis, Myelo

Brain

Hemorrhage

Heart

Atrium

Thrombosis, Nos

Kidney

Inflammation, Chronic

Liver

Bile Duct

Hyperplasia, Nos

Centrilobular

Necrosis, Nos

Pancreas

Acinus

Atrophy, Nos

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Lymphoma, Undifferentiated-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_019

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart

Myocardium Nos

Fibrosis

Kidney

Inflammation, Chronic

Testis

Hyperplasia, Interstitial Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_020

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Eye

Cataract

Cornea

Ulcer, Nos

Kidney

Inflammation, Chronic

Stomach

Ulcer, Focal

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Lymphoma, Undifferentiated-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_021

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Liver

Prostate

Pheochromocytoma

Inflammation, Chronic

Cytoplasmic Vacuolization

Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_022

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Liver		Cytoplasmic Vacuolization
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Pancreas	Acinus	Atrophy, Nos
Pituitary gland		Adenoma, Nos
Prostate		Inflammation, Acute Suppurative
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_023

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye

Cataract

Kidney

Inflammation, Chronic

Lymph node

Mesenteric Lymph Node

Lymphangiectasis

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_026

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Testis

Thyroid

Inflammation, Chronic

Interstitial-Cell Tumor

Cyst, Follicular Nos

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_027

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Liver

Pancreas

Pituitary gland

Thyroid

Unspecified

Bile Duct

Acinus

Multiple Organs Nos

Pheochromocytoma

Inflammation, Chronic

Hyperplasia, Nos

Atrophy, Focal

Adenoma, Nos

Hyperplasia, C Cell

Lymphoma, Undifferentiated-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_028

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Pancreas	Acinus	Atrophy, Focal
Prostate		Inflammation, Suppurative
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Lymphoma, Undifferentiated-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_029

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Prostate

Inflammation, Suppurative

Testis

Interstitial-Cell Tumor

Thyroid

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_030

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Pancreas

Cystic Ducts

Pituitary gland

Adenoma, Nos

Prostate

Inflammation, Suppurative

Thyroid

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_031

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Liver		Hepatocytomegaly
Lung		Alveolar/Bronchiolar Adenoma
	Alveoli	Histiocytosis
Pancreas	Acinus	Atrophy, Focal
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_032

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Prostate

Inflammation, Suppurative

Unspecified

Multiple Organs Nos

Lymphoma, Undifferentiated-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_033

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_034

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Liver

Pancreas

Pituitary gland

Testis

Acinus

Pheochromocytoma

Inflammation, Chronic

Cytoplasmic Vacuolization

Atrophy, Focal

Adenoma, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_035

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Thyroid

Pheochromocytoma

Inflammation, Chronic

C-Cell Adenoma

Follicular-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_036

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Nos

Kidney

Inflammation, Chronic

Prostate

Inflammation, Suppurative

Testis

Interstitial-Cell Tumor

Thyroid

Hyperplasia, C Cell

Unspecified

Ameloblastic Odontoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_037

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Lung

Alveoli

Lymph node

Mandibular Lymph Node

Pituitary gland

Testis

Thyroid

Pheochromocytoma

Inflammation, Chronic

Histiocytosis

Hyperplasia, Alveolar Epithelium

Lymphangiectasis

Cyst, Nos

Interstitial-Cell Tumor

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_038

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Small

Mesentery Nos

Hemorrhage

Kidney

Inflammation, Chronic

Liver

Centrilobular

Necrosis, Diffuse

Stomach

Ulcer, Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_039

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain

Hemorrhage

Kidney

Inflammation, Chronic

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Lymphoma, Undifferentiated-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_040

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Pituitary gland

Adenoma, Nos

Prostate

Inflammation, Suppurative

Testis

Interstitial-Cell Tumor

Thyroid

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_041

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Testis

Thyroid

Inflammation, Chronic

Interstitial-Cell Tumor

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_042

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Lung		Alveolar/Bronchiolar Carcinoma
		Hyperplasia, Alveolar Epithelium
Prostate		Inflammation, Suppurative
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_043

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Liver		Cytoplasmic Vacuolization
Lymph node	Mandibular Lymph Node	Lymphangiectasis
Pancreas	Acinus	Atrophy, Focal
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_044

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Testis

Thyroid

Inflammation, Chronic

Interstitial-Cell Tumor

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_045

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Focal

Kidney

Inflammation, Chronic

Pituitary gland

Adenoma, Nos

Spleen

Hemosiderosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_046

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye		Cataract
Kidney	Cortex	Cyst, Nos Inflammation, Chronic
Liver		Cytoplasmic Vacuolization
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_047

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Testis

Interstitial-Cell Tumor

Thyroid

C-Cell Carcinoma

Unspecified

Multiple Organs Nos

Lymphoma, Undifferentiated-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_048

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Mammary gland

Pancreas

Pituitary gland

Prostate

Islets

Pheochromocytoma

Inflammation, Chronic

Dilatation, Ducts

Islet-Cell Carcinoma

Adenoma, Nos

Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_049

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Liver

Lymph node

Pituitary gland

Testis

Mandibular Lymph Node

Inflammation, Chronic

Hepatocellular Carcinoma

Lymphangiectasis

Cyst, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_050

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Lung

Skin

Spleen

Testis

Thyroid

Alveoli

Pheochromocytoma

Inflammation, Chronic

Histiocytosis

Basal-Cell Carcinoma

Hematopoiesis

Interstitial-Cell Tumor

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_101

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney	Proximal Convoluted Renal Tubule	Pigmentation, Nos
Liver	Centrilobular	Degeneration, Nos
	Bile Duct	Hyperplasia, Nos
Pancreas	Acinus	Atrophy, Focal
Prostate		Inflammation, Suppurative
Testis		Atrophy, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Undifferentiated-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_102

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Liver

Cytoplasmic Vacuolization

Prostate

Inflammation, Suppurative

Testis

Interstitial-Cell Tumor

Thyroid

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_103

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Liver		Hepatocytomegaly
Pancreas	Islets	Islet-Cell Adenoma
Pituitary gland		Adenoma, Nos
Testis		Interstitial-Cell Tumor
Thyroid		Cystic Follicles

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_104

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart

Myocardium Nos

Fibrosis

Kidney

Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_105

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Liver	Periportal	Fibrosis
	Bile Duct	Hyperplasia, Nos
Pancreas	Acinus	Atrophy, Focal
Pituitary gland		Infarct, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_106

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain

Glioma, Nos

Eye

Cataract

Kidney

Inflammation, Chronic

Pancreas

Islets

Islet-Cell Carcinoma

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Lymphoma, Undifferentiated-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_107

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Angiectasis

Cortex Nos

Hyperplasia, Focal

Kidney

Inflammation, Chronic

Liver

Hepatocytomegaly

Lymph node

Mandibular Lymph Node

Lymphangiectasis

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_108

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Blood vessel
Heart
Kidney
Liver

Pulmonary Artery Nos
Myocardium Nos

Calcification, Medial
Fibrosis
Inflammation, Chronic
Cytoplasmic Vacuolization
Hyperplasia, Focal
Hemorrhage
Inflammation, Suppurative
Interstitial-Cell Tumor
Hyperplasia, C Cell
Lymphoma, Undifferentiated-Malignant Type

Pituitary gland
Prostate
Testis
Thyroid
Unspecified

Multiple Organs Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_109

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Liver

Pancreas

Prostate

Testis

Thyroid

Islets

Pheochromocytoma

Inflammation, Chronic

Cytoplasmic Vacuolization

Islet-Cell Carcinoma

Inflammation, Suppurative

Interstitial-Cell Tumor

Follicular-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_110

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Blood vessel

Pulmonary Artery Nos

Calcification, Medial

Heart

Myocardium Nos

Fibrosis

Kidney

Inflammation, Chronic

Liver

Cytoplasmic Vacuolization

Spleen

Hematopoiesis

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_111

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Liver		Cytoplasmic Vacuolization
Lung	Alveoli	Histiocytosis
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
Unspecified	Multiple Organs Nos	Lymphoma, Undifferentiated-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_112

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Testis

Thyroid

Pheochromocytoma

Inflammation, Chronic

Interstitial-Cell Tumor

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_113

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain		Mineralization
Kidney		Inflammation, Chronic
Liver		Neoplastic Nodule
Pancreas	Acinus	Atrophy, Nos
		Periarteritis
Pituitary gland		Adenoma, Nos
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_114

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Kidney

Cortex Nos

Lipoidosis

Liver

Inflammation, Chronic

Hyperplasia, Focal

Testis

Bile Duct

Hyperplasia, Nos

Thyroid

Interstitial-Cell Tumor

Hyperplasia, C Cell

Unspecified

Multiple Organs Nos

Lymphoma, Undifferentiated-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_115

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Lipoidosis

Heart

Myocardium Nos

Pheochromocytoma

Atrium

Fibrosis

Kidney

Thrombosis, Nos

Lung

Alveoli

Inflammation, Chronic

Testis

Histiocytosis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_116

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Liver		Cytoplasmic Vacuolization
Lung		Hyperplasia, Alveolar Epithelium
Pituitary gland		Cyst, Nos
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_117

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Blood vessel	Pulmonary Artery Nos	Calcification, Medial
Heart		Periarteritis
Kidney		Inflammation, Chronic
Liver		Hepatocytomegaly
Lung	Alveoli	Histiocytosis
Preputial gland		Carcinoma, Nos
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_118

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Intestine Small	Ileum	Hyperplasia, Lymphoid
Kidney		Inflammation, Chronic
Liver		Cytoplasmic Vacuolization
Pancreas		Periarteritis
Pituitary gland		Adenoma, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_119

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Liver

Hepatocytomegaly

Testis

Interstitial-Cell Tumor

Thyroid

Follicular-Cell Adenoma

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_120

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Liver

Lung

Testis

Pheochromocytoma

Inflammation, Chronic

Nephroblastoma

Hepatocellular Carcinoma

Alveolar/Bronchiolar Carcinoma

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_121

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart

Myocardium Nos

Fibrosis

Kidney

Inflammation, Chronic

Spleen

Hematopoiesis

Testis

Interstitial-Cell Tumor

Thyroid

C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_122

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Kidney

Inflammation, Chronic

Liver

Hepatocytomegaly

Lung

Alveoli

Histiocytosis

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_123

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Blood vessel

Pulmonary Artery Nos

Calcification, Medial

Kidney

Inflammation, Chronic

Liver

Cytoplasmic Vacuolization

Pancreas

Islets

Islet-Cell Adenoma

Testis

Interstitial-Cell Tumor

Thyroid

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_124

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain		Reticulosis, Malignant
Kidney		Inflammation, Chronic
Liver		Cytoplasmic Vacuolization
Lung		Hemorrhage
Pancreas	Acinus	Atrophy, Focal
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_125

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Mesentery Nos

Periarteritis

Kidney

Inflammation, Chronic

Liver

Cytoplasmic Vacuolization

Lymph node

Mandibular Lymph Node

Lymphangiectasis

Pituitary gland

Adenoma, Nos

Testis

Interstitial-Cell Tumor

Thyroid

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_126

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large
Kidney
Lymph node
Pancreas
Testis

Large Intestine, Colon

Mandibular Lymph Node

Pheochromocytoma
Nematodiasis
Inflammation, Chronic
Hyperplasia, Lymphoid
Periarteritis
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_127

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Lymph node

Skin

Testis

Thyroid

Mandibular Lymph Node

Inflammation, Chronic

Lymphangiectasis

Squamous Cell Carcinoma

Interstitial-Cell Tumor

Follicular-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_128

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Pancreas	Acinus	Atrophy, Focal
Spleen		Hematopoiesis
Testis		Hyperplasia, Interstitial Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_129

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_131

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Focal

Eye

Cataract

Kidney

Inflammation, Chronic

Liver

Cytoplasmic Vacuolization

Bile Duct

Hyperplasia, Nos

Prostate

Necrosis, Focal

Testis

Inflammation, Chronic

Thyroid

Hyperplasia, Interstitial Cell

Unspecified

Multiple Organs Nos

C-Cell Adenoma

Hyperplasia, C Cell

Lymphoma, Undifferentiated-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_132

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Pituitary gland
Prostate
Testis

Capsule

Paraganglioma, Nos
Inflammation, Chronic
Adenoma, Nos
Inflammation, Acute
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_133

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Lymphoma, Undifferentiated-Malignant Type

Urinary bladder

Transitional-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_134

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Liver

Lymph node

Testis

Thyroid

Mandibular Lymph Node

Inflammation, Chronic

Hepatocytomegaly

Lymphangiectasis

Interstitial-Cell Tumor

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_135

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye		Cataract
Kidney		Inflammation, Chronic
Liver		Hepatocytomegaly
		Hyperplasia, Focal
Lymph node	Mesenteric Lymph Node	Lymphangiectasis
Pancreas	Acinus	Atrophy, Nos
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
Unspecified		Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_136

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Ileum

Hyperplasia, Lymphoid

Kidney

Inflammation, Chronic

Liver

Bile Duct

Hyperplasia, Nos

Pancreas

Periarteritis

Prostate

Inflammation, Suppurative

Spleen

Hematopoiesis

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_137

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Chronic
Lung		Hyperplasia, Alveolar Epithelium
Lymph node	Mandibular Lymph Node	Lymphangiectasis
Spleen		Hematopoiesis
Testis		Interstitial-Cell Tumor
Thyroid		Cystic Follicles

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_138

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Liver

Hepatocytomegaly

Bile Duct

Hyperplasia, Nos

Parathyroid gland

Adenoma, Nos

Testis

Interstitial-Cell Tumor

Thyroid

Hyperplasia, C Cell

Unspecified

Multiple Organs Nos

Lymphoma, Undifferentiated-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_139

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Mesentery Nos

Lipoma

Kidney

Inflammation, Chronic

Liver

Bile Duct

Hyperplasia, Nos

Lung

Squamous Cell Carcinoma, Metastatic

Lymph node

Mandibular Lymph Node

Squamous Cell Carcinoma, Metastatic

Pancreas

Acinus

Atrophy, Nos

Testis

Islets

Hyperplasia, Nos

Thyroid

Interstitial-Cell Tumor

Follicular-Cell Carcinoma

Zymbal gland

Hyperplasia, C Cell

Squamous Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_140

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Skin

Testis

Inflammation, Chronic

Squamous Cell Carcinoma

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_141

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Preputial gland
Spleen
Testis

Pheochromocytoma
Inflammation, Chronic
Carcinoma, Nos
Hematopoiesis
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_142

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Mammary gland

Dilatation, Ducts

Pituitary gland

Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_143

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney	Inflammation, Chronic
Liver	Cytoplasmic Vacuolization
Pituitary gland	Adenoma, Nos
Prostate	Inflammation, Acute
Spleen	Hematopoiesis
Testis	Interstitial-Cell Tumor
Thyroid	C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_144

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Liver		Cytoplasmic Vacuolization
Lung		Hyperplasia, Alveolar Epithelium
Pituitary gland		Adenoma, Nos
Prostate		Inflammation, Acute
Testis		Interstitial-Cell Tumor
Thyroid		Cystic Follicles
Unspecified	Multiple Organs Nos	Lymphoma, Undifferentiated-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_145

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Blood vessel

Pulmonary Artery Nos

Calcification, Medial

Kidney

Inflammation, Chronic

Testis

Interstitial-Cell Tumor

Thyroid

C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_146

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Liver

Pancreas

Spleen

Testis

Unspecified

Acinus

Pheochromocytoma

Inflammation, Chronic

Hepatocytomegaly

Atrophy, Focal

Hematopoiesis

Interstitial-Cell Tumor

Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_147

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Liver		Necrosis, Focal
Mammary gland		Dilatation, Ducts
Pancreas	Acinus	Atrophy, Focal
Pituitary gland		Adenoma, Nos
Prostate		Inflammation, Acute
Thyroid		Cystic Follicles

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_148

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart

Myocardium Nos

Fibrosis

Intestine Small

Ileum

Hyperplasia, Lymphoid

Kidney

Inflammation, Chronic

Liver

Hepatocytomegaly

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_149

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney
Preputial gland
Spleen
Testis

Inflammation, Chronic
Carcinoma, Nos
Hematopoiesis
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_150

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Blood vessel

Eye

Heart

Kidney

Liver

Testis

Mesenteric Artery Nos

Coronary Artery Nos

Pulmonary Artery Nos

Myocardium Nos

Bile Duct

Pheochromocytoma

Arteriosclerosis, Nos

Calcification, Medial

Calcification, Medial

Cataract

Fibrosis

Inflammation, Chronic

Hepatocytomegaly

Hyperplasia, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_201

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Lipoidosis

Kidney

Inflammation, Chronic

Liver

Bile Duct

Hyperplasia, Nos

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_202

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Prostate		Inflammation, Suppurative
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Lymphoma, Undifferentiated-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_203

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Pituitary gland

Unspecified

Multiple Organs Nos

Inflammation, Chronic

Carcinoma, Nos

Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_204

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Kidney

Inflammation, Chronic

Liver

Hepatocytomegaly

Bile Duct

Hyperplasia, Nos

Lung

Alveolar/Bronchiolar Carcinoma

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_205

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Liver

Metamorphosis, Fatty

Lung

Bronchopneumonia Suppurative

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_206

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Lung	Alveoli	Histiocytosis
Pituitary gland		Adenoma, Nos
Testis		Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_207

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Pituitary gland		Adenoma, Nos
Prostate		Inflammation, Suppurative
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_208

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Testis

Atrium

Bile Duct

Pheochromocytoma

Thrombosis, Nos

Inflammation, Chronic

Hyperplasia, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_209

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Lymph node	Mandibular Lymph Node	Lymphangiectasis
Pituitary gland		Adenoma, Nos
Testis		Interstitial-Cell Tumor
Thyroid		Follicular-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_210

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Large
Kidney
Liver

Large Intestine, Colon

Nematodiasis
Inflammation, Chronic
Hyperplasia, Focal
Hyperplasia, Nos
Lymphangiectasis
Hemangiosarcoma
Interstitial-Cell Tumor

Lymph node
Spleen
Testis

Bile Duct
Mandibular Lymph Node

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_211

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Liver		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
Pancreas	Acinus	Atrophy, Focal
Pituitary gland		Adenoma, Nos
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_212

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Blood vessel

Heart

Kidney

Liver

Pancreas

Testis

Coronary Artery Nos

Myocardium Nos

Bile Duct

Acinus

Pheochromocytoma

Arteriosclerosis, Nos

Inflammation, Chronic Focal

Inflammation, Chronic

Hyperplasia, Nos

Atrophy, Focal

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_213

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Large Intestine, Colon

Nematodiasis

Kidney

Inflammation, Chronic

Liver

Bile Duct

Hyperplasia, Nos

Testis

Interstitial-Cell Tumor

Thyroid

C-Cell Adenoma

Unspecified

Multiple Organs Nos

Lymphoma, Undifferentiated-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_214

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Liver
Pituitary gland
Testis

Cortex Nos

Hyperplasia, Focal
Inflammation, Chronic
Metamorphosis, Fatty
Adenoma, Nos
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_215

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Focal

Brain

Hemorrhage

Kidney

Inflammation, Chronic

Lung

Bronchopneumonia, Acute

Pituitary gland

Angiectasis

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Lymphoma, Undifferentiated-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_216

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Liver

Bile Duct

Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_217

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Liver

Pituitary gland

Testis

Bile Duct

Inflammation, Chronic

Hyperplasia, Nos

Cyst, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_218

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Lipoidosis

Kidney

Inflammation, Chronic

Liver

Hepatocytomegaly

Bile Duct

Hyperplasia, Nos

Pituitary gland

Adenoma, Nos

Thyroid

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_219

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain	Meninges	Meningioma, Benign
Heart	Atrium	Thrombosis, Nos
Liver	Bile Duct	Hyperplasia, Nos
Testis		Interstitial-Cell Tumor
	Tunica Vaginalis	Mesothelioma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03598

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Butylated hydroxytoluene

CAS Number: 128-37-0

Date Report Requested: 10/26/2014

Time Report Requested: 14:58:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_220

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain

Kidney

Liver

Prostate

Testis

Thyroid

Unspecified

Centrilobular

Bile Duct

Multiple Organs Nos

Hemorrhage

Inflammation, Chronic

Degeneration, Nos

Hyperplasia, Nos

Inflammation, Acute Suppurative

Interstitial-Cell Tumor

Hyperplasia, C Cell

Lymphoma, Undifferentiated-Malignant Type

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****