

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

<b>C Number:</b>	C03598
<b>Cage Range:</b>	All
<b>Date Range:</b>	All
<b>Reasons For Removal:</b>	All
<b>Removal Date Range:</b>	All
<b>Treatment Groups:</b>	All
<b>Study Gender:</b>	Male

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_001

**TRT#:** 1  
**DOSE:** 6000 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Pancreas  
Unspecified

Cortex Nos

Hyperplasia, Nos  
Necrosis, Fat  
Cyst, Hemorrhagic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_002

**TRT#:** 1  
**DOSE:** 6000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Medulla  
Cortex Nos

Kidney

Liver

Cyst, Nos  
Hyperplasia, Nos  
Hyperplasia, Tubular Cell  
Cytoplasmic Change, Eosinophilic  
Cytoplasmic Vacuolization  
Hepatocytomegaly  
Inflammation, Focal  
Necrosis, Cytodegenerative  
Peliosis Hepatis  
Hyperplasia, Lymphoid

Thymus

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_003

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 6000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Eye  
Kidney  
Liver

Cortex Nos  
Lacrimal Gland

Hyperplasia, Nos  
Adenoma, Nos  
Hyperplasia, Tubular Cell  
Hepatocellular Adenoma  
Necrosis, Cytodegenerative  
Peliosis Hepatis  
Alveolar/Bronchiolar Adenoma  
Hyperplasia, Lymphoid  
Hematopoiesis

Lung  
Lymph node  
Spleen

Mesenteric Lymph Node

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_004

**TRT#:** 1  
**DOSE:** 6000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos	Hyperplasia, Nodular Hyperplasia, Nos
Brain		Hydrocephalus, Internal
Liver		Cytoplasmic Vacuolization Hepatocellular Adenoma Necrosis, Cytodegenerative Peliosis Hepatis
Lung		Alveolar/Bronchiolar Adenoma

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_005

**TRT#:** 1  
**DOSE:** 6000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos	Hyperplasia, Nodular Hyperplasia, Nos
Kidney		Hyperplasia, Tubular Cell
Liver		Hepatocytomegaly Inflammation, Focal Necrosis, Focal
Lymph node		Hyperplasia, Lymphoid
Testis	Tubule	Degeneration, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_006

**TRT#:** 1  
**DOSE:** 6000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver

Cortex Nos

Hyperplasia, Nos  
Hyperplasia, Tubular Cell  
Cytoplasmic Vacuolization  
Hepatocellular Adenoma  
Hepatocytomegaly  
Necrosis, Cytodegenerative  
Peliosis Hepatis  
Cyst, Nos

Stomach

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_007

**TRT#:** 1  
**DOSE:** 6000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Brain  
Intestine Large  
Kidney  
Liver

Cortex Nos  
  
Large Intestine, Colon

Hyperplasia, Nos  
Hydrocephalus, Internal  
Hyperplasia, Lymphoid  
Hyperplasia, Tubular Cell  
Cytoplasmic Vacuolization  
Hepatocellular Carcinoma  
Inflammation, Focal  
Necrosis, Cytodegenerative  
Peliosis Hepatis  
Alveolar/Bronchiolar Adenoma  
Cyst, Nos  
Cast, Nos  
Hematopoiesis

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_008

**TRT#:** 1  
**DOSE:** 6000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Gall bladder		Inflammation, Nos
Intestine Small	Ileum	Lymphoma, Histiocytic-Malignant Type
Kidney		Hyperplasia, Tubular Cell
Liver		Cytoplasmic Vacuolization
		Hepatocytomegaly
		Inflammation, Focal
	Bile Duct	Inflammation, Nos
		Necrosis, Cytodegenerative
		Peliosis Hepatis
Lymph node	Mandibular Lymph Node	Mineralization
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_010

**TRT#:** 1  
**DOSE:** 6000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Brain  
Intestine Large  
Kidney  
Liver

Cortex Nos  
  
Large Intestine, Colon

Hyperplasia, Nos  
Mineralization  
Hyperplasia, Lymphoid  
Hyperplasia, Tubular Cell  
Necrosis, Cytodegenerative  
Peliosis Hepatis

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_011

**TRT#:** 1  
**DOSE:** 6000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Brain  
Liver

Cortex Nos

Hyperplasia, Nos  
Mineralization  
Inflammation, Focal  
Necrosis, Cytodegenerative  
Peliosis Hepatis  
Hyperplasia, Lymphoid

Unspecified

Multiple Organs Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_012

**TRT#:** 1  
**DOSE:** 6000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Brain		Mineralization
Kidney		Hyperplasia, Tubular Cell
Liver		Cytoplasmic Vacuolization
		Hepatocytomegaly
		Inflammation, Focal
		Necrosis, Cytodegenerative
		Peliosis Hepatis
Lung		Alveolar/Bronchiolar Carcinoma
		Proteinosis, Alveolar
Lymph node	Mesenteric Lymph Node	Lymphoma, Histiocytic-Malignant Type
Spleen		Hematopoiesis

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_013

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 6000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Kidney  
Liver

Hyperplasia, Tubular Cell  
Cytoplasmic Vacuolization  
Hepatocytomegaly  
Inflammation, Focal  
Necrosis, Cytodegenerative  
Peliosis Hepatis  
Hematopoiesis

Spleen

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_014

**TRT#:** 1  
**DOSE:** 6000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Brain  
Kidney  
Liver

Cortex Nos

Hyperplasia, Nos  
Mineralization  
Hyperplasia, Tubular Cell  
Cytoplasmic Vacuolization  
Necrosis, Cytodegenerative  
Peliosis Hepatis  
Alveolar/Bronchiolar Adenoma  
Hyperplasia, Lymphoid  
Cast, Nos

Lung  
Lymph node  
Prostate

Mesenteric Lymph Node

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_015

**TRT#:** 1  
**DOSE:** 6000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver

Cortex Nos

Hyperplasia, Nos  
Hyperplasia, Tubular Cell  
Cytoplasmic Vacuolization  
Hepatocytomegaly  
Necrosis, Cytodegenerative  
Peliosis Hepatis

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_016

**TRT#:** 1  
**DOSE:** 6000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Medulla  
Cortex Nos

Degeneration, Nos  
Hyperplasia, Nos  
Hyperplasia, Tubular Cell  
Hepatocellular Adenoma  
Inflammation, Focal  
Necrosis, Cytodegenerative  
Peliosis Hepatis  
Alveolar/Bronchiolar Adenoma  
Atrophy, Nos  
Inflammation, Nos

Kidney

Liver

Lung

Pancreas

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_017

**TRT#:** 1  
**DOSE:** 6000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Liver

Cortex Nos

Hyperplasia, Nos  
Inflammation, Focal  
Necrosis, Cytodegenerative  
Peliosis Hepatis

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_018

**TRT#:** 1  
**DOSE:** 6000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver

Cortex Nos

Hyperplasia, Nos  
Hyperplasia, Tubular Cell  
Inflammation, Focal  
Necrosis, Cytodegenerative  
Peliosis Hepatis

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_019

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 6000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Fibrosis

Kidney

Cortex Nos

Hyperplasia, Nos

Liver

Calcinosis, Nos

Hyperplasia, Tubular Cell

Lymph node

Mesenteric Lymph Node

Hepatocytomegaly

Inflammation, Focal

Urinary bladder

Lymphoma, Histiocytic-Malignant Type

Cast, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_020

**TRT#:** 1  
**DOSE:** 6000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver

Cortex Nos

Hyperplasia, Nos  
Hyperplasia, Tubular Cell  
Hepatocellular Carcinoma  
Inflammation, Focal  
Necrosis, Cytodegenerative  
Peliosis Hepatis  
Alveolar/Bronchiolar Carcinoma  
Cyst, Nos  
Hematopoiesis  
Inflammation, Focal  
Follicular-Cell Adenoma

Lung  
Pituitary gland  
Spleen  
Stomach  
Thyroid

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_021

**TRT#:** 1  
**DOSE:** 6000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver

Cortex Nos

Hyperplasia, Nos  
Hyperplasia, Tubular Cell  
Cytoplasmic Vacuolization  
Hepatocytomegaly  
Inflammation, Focal  
Necrosis, Cytodegenerative  
Peliosis Hepatis  
Lipoidosis

Lymph node

Mesenteric Lymph Node

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_022

**TRT#:** 1  
**DOSE:** 6000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver

Cortex Nos

Hyperplasia, Nos  
Hyperplasia, Tubular Cell  
Hepatocytomegaly  
Necrosis, Cytodegenerative  
Peliosis Hepatis  
Alveolar/Bronchiolar Adenoma  
Hematopoiesis

Lung  
Spleen

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_023

**TRT#:** 1  
**DOSE:** 6000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver

Cortex Nos

Hyperplasia, Nos  
Hyperplasia, Tubular Cell  
Cytoplasmic Vacuolization  
Hepatocytomegaly  
Necrosis, Cytodegenerative  
Peliosis Hepatis  
Cast, Nos

Prostate

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_024

**TRT#:** 1  
**DOSE:** 6000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Brain  
Kidney  
Liver

Cortex Nos

Hyperplasia, Nos  
Mineralization  
Hyperplasia, Tubular Cell  
Cytoplasmic Vacuolization  
Inflammation, Focal  
Necrosis, Cytodegenerative  
Peliosis Hepatis  
Lymphoma, Nos-Malignant

Unspecified

Multiple Organs Nos

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_025

**TRT#:** 1  
**DOSE:** 6000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Brain		Mineralization
Intestine Small	Ileum	Hyperplasia, Lymphoid
Kidney		Hyperplasia, Tubular Cell
Liver		Necrosis, Cytodegenerative
		Peliosis Hepatis
Lung		Alveolar/Bronchiolar Carcinoma
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Pancreas		Inflammation, Focal

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_026

**TRT#:** 1  
**DOSE:** 6000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Ear  
Kidney  
Liver

Cortex Nos

Hyperplasia, Nos  
Fibroma  
Hyperplasia, Tubular Cell  
Cytoplasmic Vacuolization  
Hepatocellular Carcinoma  
Necrosis, Cytodegenerative  
Peliosis Hepatis  
Hyperplasia, Lymphoid  
Inflammation, Nos

Lymph node  
Preputial gland

Mesenteric Lymph Node

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_027

**TRT#:** 1  
**DOSE:** 6000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Eye  
Kidney

Cortex Nos  
Lacrimal Gland  
Tubule

Liver

Hyperplasia, Nos  
Adenoma, Nos  
Dilatation, Nos  
Hyperplasia, Tubular Cell  
Cytoplasmic Vacuolization  
Hepatocytomegaly  
Necrosis, Cytodegenerative  
Peliosis Hepatis  
Cast, Nos

Prostate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_028

**TRT#:** 1  
**DOSE:** 6000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Liver

Cortex Nos

Hyperplasia, Nos  
Hemorrhage  
Hepatocellular Carcinoma

Bile Duct

Hyperplasia, Nos  
Inflammation, Focal  
Necrosis, Focal

Lung  
Thyroid

Inflammation, Nos  
Hyperplasia, Focal

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_029

**TRT#:** 1  
**DOSE:** 6000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver

Cortex Nos

Hyperplasia, Nos  
Hyperplasia, Tubular Cell  
Inflammation, Focal  
Necrosis, Cytodegenerative  
Peliosis Hepatis  
Alveolar/Bronchiolar Carcinoma

Lung

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_030

**TRT#:** 1  
**DOSE:** 6000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Brain  
Kidney  
Liver

Cortex Nos

Hyperplasia, Nos  
Mineralization  
Hyperplasia, Tubular Cell  
Inflammation, Focal

Bile Duct

Inflammation, Nos  
Necrosis, Cytodegenerative  
Peliosis Hepatis

Unspecified

Multiple Organs Nos

Lymphoma, Nos-Malignant

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**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_031

**TRT#:** 1  
**DOSE:** 6000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver

Cortex Nos

Hyperplasia, Nos  
Hyperplasia, Tubular Cell  
Inflammation, Focal  
Necrosis, Cytodegenerative  
Peliosis Hepatis  
Hemorrhage  
Inflammation, Nos  
Lymphoma, Nos-Malignant

Lung

Unspecified

Multiple Organs Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_032

**TRT#:** 1  
**DOSE:** 6000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Eye  
Kidney  
Liver

Cortex Nos  
Lacrimal Gland

Hyperplasia, Nos  
Adenoma, Nos  
Hyperplasia, Tubular Cell  
Hepatocytomegaly  
Inflammation, Focal  
Necrosis, Cytodegenerative  
Peliosis Hepatis  
Alveolar/Bronchiolar Carcinoma  
Proteinosis, Alveolar

Lung

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_033

**TRT#:** 1  
**DOSE:** 6000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Brain  
Kidney  
Liver

Cortex Nos

Hyperplasia, Nos  
Mineralization  
Hyperplasia, Tubular Cell  
Cytoplasmic Vacuolization  
Hepatocytomegaly  
Necrosis, Cytodegenerative  
Peliosis Hepatis  
Hyperplasia, Lymphoid  
Inflammation, Nos

Lymph node  
Stomach

Mandibular Lymph Node

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_034

**TRT#:** 1  
**DOSE:** 6000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver

Cortex Nos

Hyperplasia, Nos  
Hyperplasia, Tubular Cell  
Cytoplasmic Vacuolization  
Hepatocellular Adenoma  
Hepatocytomegaly  
Necrosis, Cytodegenerative  
Peliosis Hepatis

Lung  
Unspecified

Multiple Organs Nos

Hemorrhage  
Lymphoma, Histiocytic-Malignant Type

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_035

**TRT#:** 1  
**DOSE:** 6000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver

Cortex Nos

Hyperplasia, Nos  
Hyperplasia, Tubular Cell  
Cytoplasmic Vacuolization  
Hepatocytomegaly  
Necrosis, Cytodegenerative  
Peliosis Hepatis

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_036

**TRT#:** 1  
**DOSE:** 6000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Liver

Cortex Nos

Hyperplasia, Nos  
Cytoplasmic Vacuolization  
Hepatocellular Adenoma  
Inflammation, Focal  
Necrosis, Cytodegenerative  
Peliosis Hepatis

Lung  
Pancreas  
Unspecified

Multiple Organs Nos

Hemorrhage  
Inflammation, Focal  
Hyperplasia, Lymphoid

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_037

**TRT#:** 1  
**DOSE:** 6000 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Liver

Cortex Nos

Hyperplasia, Nos  
Angiosarcoma

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_038

**TRT#:** 1  
**DOSE:** 6000 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Unspecified

Cortex Nos  
Multiple Organs Nos

Hyperplasia, Nos  
Sarcoma, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_039

**TRT#:** 1  
**DOSE:** 6000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver

Cortex Nos

Hyperplasia, Nos  
Hyperplasia, Tubular Cell  
Cytoplasmic Vacuolization  
Necrosis, Cytodegenerative  
Peliosis Hepatis

Lymph node

Mandibular Lymph Node

Hyperplasia, Lymphoid

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_040

**TRT#:** 1  
**DOSE:** 6000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Brain		Mineralization
Eye	Lacrimal Gland	Adenoma, Nos
Kidney	Tubule	Dilatation, Nos
		Hyperplasia, Tubular Cell
Liver		Necrosis, Cytodegenerative
		Peliosis Hepatis
Lung		Alveolar/Bronchiolar Adenoma

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_041

**TRT#:** 1  
**DOSE:** 6000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver

Cortex Nos

Hyperplasia, Nos  
Hyperplasia, Tubular Cell  
Hepatocellular Carcinoma  
Necrosis, Cytodegenerative  
Peliosis Hepatis  
Alveolar/Bronchiolar Carcinoma  
Inflammation, Nos  
Proteinosis, Alveolar  
Hyperplasia, Focal

Lung

Thyroid

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_042

**TRT#:** 1  
**DOSE:** 6000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver

Cortex Nos

Hyperplasia, Nos  
Hyperplasia, Tubular Cell  
Inflammation, Focal  
Necrosis, Cytodegenerative  
Peliosis Hepatis  
Lymphoma, Histiocytic-Malignant Type

Spleen

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_043

**TRT#:** 1  
**DOSE:** 6000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Brain		Mineralization
Kidney		Hyperplasia, Tubular Cell
Liver		Cytoplasmic Vacuolization
		Hepatocellular Adenoma
		Hepatocytomegaly
		Inflammation, Focal
		Necrosis, Cytodegenerative
		Peliosis Hepatis
Lung		Inflammation, Nos
Unspecified	Multiple Organs Nos	Mastocytosis
Urinary bladder		Cast, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_044

**TRT#:** 1  
**DOSE:** 6000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver

Cortex Nos

Hyperplasia, Nos  
Hyperplasia, Tubular Cell  
Inflammation, Focal  
Necrosis, Cytodegenerative  
Peliosis Hepatis  
Hyperplasia, Lymphoid  
Hyperplasia, Reticulum Cell

Lymph node

Mandibular Lymph Node  
Mesenteric Lymph Node

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_045

**TRT#:** 1  
**DOSE:** 6000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Brain  
Kidney  
Liver

Cortex Nos

Hyperplasia, Nos  
Mineralization  
Hyperplasia, Tubular Cell  
Cytoplasmic Vacuolization  
Hepatocytomegaly  
Inflammation, Focal  
Necrosis, Cytodegenerative  
Peliosis Hepatis  
Congestion, Nos  
Cast, Nos  
Cast, Nos

Lymph node  
Prostate  
Urinary bladder

Mesenteric Lymph Node

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_046

**TRT#:** 1  
**DOSE:** 6000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Brain  
Kidney  
Liver

Cortex Nos

Hyperplasia, Nos  
Mineralization  
Hyperplasia, Tubular Cell  
Inflammation, Focal  
Necrosis, Cytodegenerative  
Peliosis Hepatis  
Alveolar/Bronchiolar Adenoma  
Cast, Nos

Lung  
Prostate

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_047

**TRT#:** 1  
**DOSE:** 6000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Brain		Mineralization
Ear		Fibroma
Kidney		Hyperplasia, Tubular Cell
Liver		Hepatocellular Carcinoma
		Necrosis, Cytodegenerative
		Peliosis Hepatis
Lung		Alveolar/Bronchiolar Carcinoma
Prostate		Cast, Nos
Thyroid		Follicular-Cell Adenoma
Urinary bladder		Cast, Nos

**PRIMARY CAUSE OF DEATH** -

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_048

**TRT#:** 1  
**DOSE:** 6000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Brain		Mineralization
Heart	Myocardium Nos	Inflammation, Nos
Kidney		Hyperplasia, Tubular Cell
Liver		Inflammation, Focal
		Necrosis, Cytodegenerative
		Peliosis Hepatis
Lung		Inflammation, Nos
Skin		Inflammation, Nos
Spleen		Congestion, Nos
		Hematopoiesis

**PRIMARY CAUSE OF DEATH**

-



**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_049

**TRT#:** 1  
**DOSE:** 6000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Brain  
Liver

Cortex Nos

Hyperplasia, Nos  
Hydrocephalus, Internal  
Cytoplasmic Vacuolization  
Hepatocytomegaly  
Necrosis, Cytodegenerative  
Peliosis Hepatis  
Alveolar/Bronchiolar Adenoma  
Congestion, Nos  
Inflammation, Focal  
Cyst, Nos

Lung  
Lymph node  
Pancreas  
Preputial gland

Mesenteric Lymph Node

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_050

**TRT#:** 1  
**DOSE:** 6000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Brain  
Kidney  
Liver

Cortex Nos

Hyperplasia, Nos  
Mineralization  
Hyperplasia, Tubular Cell  
Hepatocytomegaly  
Inflammation, Focal  
Necrosis, Cytodegenerative  
Peliosis Hepatis  
Alveolar/Bronchiolar Adenoma  
Cyst, Nos

Lung  
Preputial gland

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_101

**TRT#:** 2  
**DOSE:** 3000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Brain		Hemorrhage
Kidney		Hyperplasia, Tubular Cell
		Infarct, Nos
Liver		Hepatocellular Carcinoma
		Inflammation, Focal
Lung		Alveolar/Bronchiolar Carcinoma
		Proteinosis, Alveolar
Lymph node	Mandibular Lymph Node	Lymphoma, Nos-Malignant
Urinary bladder		Cast, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_102

**TRT#:** 2  
**DOSE:** 3000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Kidney

Cortex Nos

Hyperplasia, Nos  
Hyperplasia, Tubular Cell  
Infarct, Nos

Liver

Cytoplasmic Vacuolization  
Hepatocytomegaly  
Necrosis, Cytodegenerative

Lung  
Thyroid

Peliosis Hepatis  
Hyperplasia, Lymphoid  
Follicular-Cell Carcinoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_103

**TRT#:** 2  
**DOSE:** 3000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Brain  
Kidney  
Liver

Cortex Nos

Hyperplasia, Nos  
Mineralization  
Hyperplasia, Tubular Cell  
Cytoplasmic Vacuolization  
Hepatocytomegaly  
Necrosis, Cytodegenerative  
Peliosis Hepatis  
Alveolar/Bronchiolar Carcinoma  
Lymphoma, Histiocytic-Malignant Type

Lung  
Unspecified

Multiple Organs Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_104

**TRT#:** 2  
**DOSE:** 3000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver

Cortex Nos

Hyperplasia, Nos  
Hyperplasia, Tubular Cell  
Cytoplasmic Change, Basophilic  
Cytoplasmic Vacuolization  
Necrosis, Cytodegenerative  
Peliosis Hepatis  
Proteinosis, Alveolar

Lung

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_105

**TRT#:** 2  
**DOSE:** 3000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver

Cortex Nos

Hyperplasia, Nos  
Hyperplasia, Tubular Cell  
Inflammation, Focal  
Necrosis, Cytodegenerative  
Peliosis Hepatis  
Hemorrhage  
Lymphoma, Nos-Malignant

Trachea  
Unspecified

Multiple Organs Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_106

**TRT#:** 2  
**DOSE:** 3000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver

Cortex Nos

Hyperplasia, Nos  
Hyperplasia, Tubular Cell  
Cytoplasmic Vacuolization  
Hepatocytomegaly  
Inflammation, Focal  
Necrosis, Cytodegenerative  
Peliosis Hepatis  
Hyperplasia, Lymphoid  
Hyperplasia, Reticulum Cell

Lymph node  
Spleen

Mandibular Lymph Node

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_107

**TRT#:** 2  
**DOSE:** 3000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Brain		Mineralization
Kidney		Hyperplasia, Tubular Cell
Liver		Cytoplasmic Vacuolization
		Hepatocellular Adenoma
		Necrosis, Cytodegenerative
		Peliosis Hepatis
Lung		Alveolar/Bronchiolar Carcinoma
		Inflammation, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_108

**TRT#:** 2  
**DOSE:** 3000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos  
Cortex Nos

Hyperplasia, Nodular  
Hyperplasia, Nos

Kidney

Hyperplasia, Tubular Cell

Liver

Hepatocellular Carcinoma

Necrosis, Cytodegenerative

Peliosis Hepatis

Lung

Alveolar/Bronchiolar Carcinoma

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_109

**TRT#:** 2  
**DOSE:** 3000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos  
Cortex Nos

Hyperplasia, Nodular  
Hyperplasia, Nos  
Hydrocephalus, Internal  
Hyperplasia, Tubular Cell  
Hemorrhage  
Hematopoiesis

Brain  
Kidney  
Lung  
Spleen

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_110

**TRT#:** 2  
**DOSE:** 3000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Brain  
Kidney  
Liver

Cortex Nos

Hyperplasia, Nos  
Mineralization  
Hyperplasia, Tubular Cell  
Cytoplasmic Vacuolization  
Hepatocellular Adenoma  
Necrosis, Cytodegenerative  
Peliosis Hepatis  
Hyperplasia, Nos  
Cast, Nos

Pancreas  
Urinary bladder

Islets

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 2\_111

**TRT#:** 2  
**DOSE:** 3000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Nodular
	Cortex Nos	Hyperplasia, Nos
Kidney		Hyperplasia, Tubular Cell
Liver		Necrosis, Cytodegenerative
		Peliosis Hepatis
Lymph node	Mesenteric Lymph Node	Lymphoma, Histiocytic-Malignant Type
Spleen		Hematopoiesis

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_112

**TRT#:** 2  
**DOSE:** 3000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Brain  
Esophagus  
Kidney  
Liver

Cortex Nos

Hyperplasia, Nos  
Mineralization  
Hemorrhage  
Hyperplasia, Tubular Cell  
Inflammation, Focal  
Necrosis, Cytodegenerative  
Peliosis Hepatis  
Cyst, Nos  
Hematopoiesis  
Cast, Nos

Preputial gland  
Spleen  
Urinary bladder

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 2\_113

**TRT#:** 2  
**DOSE:** 3000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Liver

Cortex Nos

Hyperplasia, Nos  
Hepatocellular Carcinoma  
Inflammation, Focal  
Hepatocellular Carcinoma, Metastatic  
Hepatocellular Carcinoma, Metastatic  
Cyst, Epidermal Inclusion

Lung  
Lymph node  
Skin

Bronchial Lymph Node

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_114

**TRT#:** 2  
**DOSE:** 3000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Nos Pheochromocytoma
Brain		Mineralization
Kidney		Hyperplasia, Tubular Cell
Liver		Inflammation, Focal Necrosis, Cytodegenerative
Lung		Peliosis Hepatis Alveolar/Bronchiolar Carcinoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 2\_115

**TRT#:** 2  
**DOSE:** 3000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Brain	Mineralization
Kidney	Hyperplasia, Tubular Cell
Liver	Cytoplasmic Vacuolization
	Hepatocellular Adenoma
	Hepatocytomegaly
	Inflammation, Nos

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**PRIMARY CAUSE OF DEATH** -

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**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_116

**TRT#:** 2  
**DOSE:** 3000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Brain		Hydrocephalus, Internal Mineralization
Kidney		Hyperplasia, Tubular Cell
Liver		Cytoplasmic Vacuolization Hepatocellular Carcinoma Necrosis, Cytodegenerative Peliosis Hepatis
Preputial gland		Cyst, Nos
Prostate		Cast, Nos
Spleen		Hematopoiesis
Urinary bladder		Cast, Nos

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_117

**TRT#:** 2  
**DOSE:** 3000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Brain		Mineralization
Kidney		Hyperplasia, Tubular Cell
Liver		Hepatocellular Carcinoma
		Necrosis, Cytodegenerative
		Peliosis Hepatis
Pancreas		Atrophy, Nos
Prostate		Cast, Nos
Urinary bladder		Cast, Nos

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 2\_118

**TRT#:** 2  
**DOSE:** 3000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver

Cortex Nos

Hyperplasia, Nos  
Hyperplasia, Tubular Cell  
Inflammation, Focal  
Necrosis, Cytodegenerative  
Peliosis Hepatis  
Alveolar/Bronchiolar Adenoma  
Cast, Nos

Lung  
Urinary bladder

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_119

**TRT#:** 2  
**DOSE:** 3000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Brain

Cortex Nos

Hyperplasia, Nos  
Hydrocephalus, Internal  
Mineralization  
Hyperplasia, Tubular Cell  
Cytoplasmic Vacuolization  
Inflammation, Focal  
Necrosis, Cytodegenerative  
Peliosis Hepatis  
Congestion, Nos

Kidney  
Liver

Lymph node

Mesenteric Lymph Node

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_120

**TRT#:** 2  
**DOSE:** 3000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver

Cortex Nos

Hyperplasia, Nos  
Hyperplasia, Tubular Cell  
Inflammation, Focal  
Necrosis, Cytodegenerative  
Peliosis Hepatis

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 2\_121

**TRT#:** 2  
**DOSE:** 3000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver

Cortex Nos

Hyperplasia, Nos  
Hyperplasia, Tubular Cell  
Cytoplasmic Vacuolization  
Hepatocytomegaly  
Inflammation, Focal  
Necrosis, Cytodegenerative  
Peliosis Hepatis  
Hyperplasia, C Cell  
Hemorrhage

Thyroid  
Trachea

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_122

**TRT#:** 2  
**DOSE:** 3000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Kidney	Tubule	Dilatation, Nos
		Inflammation, Interstitial
Liver		Hepatocellular Carcinoma
Lung		Hepatocellular Carcinoma, Metastatic
Pancreas		Inflammation, Focal
Preputial gland		Cyst, Nos
Prostate		Cast, Nos
Spleen		Hematopoiesis
Thyroid		Follicular-Cell Adenoma

**PRIMARY CAUSE OF DEATH**

-



**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_123

**TRT#:** 2  
**DOSE:** 3000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Epididymis		Inflammation, Pyogranulomatous
Kidney		Hyperplasia, Tubular Cell
Liver		Cytoplasmic Vacuolization
		Hepatocellular Adenoma
		Hepatocytomegaly
		Inflammation, Focal
		Necrosis, Cytodegenerative
		Peliosis Hepatis
Lung		Alveolar/Bronchiolar Adenoma
Thymus		Lymphoma, Histiocytic-Malignant Type
Thyroid		Follicular-Cell Adenoma
Urinary bladder		Inflammation, Pyogranulomatous

**PRIMARY CAUSE OF DEATH** -

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_124

**TRT#:** 2  
**DOSE:** 3000 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Brain  
Liver  
Unspecified

Cortex Nos  
  
Multiple Organs Nos

Hyperplasia, Nos  
Mineralization  
Hepatocellular Carcinoma  
Lymphoma, Nos-Malignant

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_125

**TRT#:** 2  
**DOSE:** 3000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Gall bladder  
Kidney  
Liver

Cortex Nos

Hyperplasia, Nos  
Cast, Nos  
Hyperplasia, Tubular Cell  
Cytoplasmic Vacuolization  
Hepatocytomegaly  
Inflammation, Focal  
Necrosis, Cytodegenerative  
Peliosis Hepatis  
Alveolar/Bronchiolar Adenoma  
Hyperplasia, Reticulum Cell  
Hematopoiesis  
Hyperplasia, Reticulum Cell

Lung  
Lymph node  
Spleen

Mesenteric Lymph Node

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_126

**TRT#:** 2  
**DOSE:** 3000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney  
Liver

Hyperplasia, Tubular Cell  
Cytoplasmic Vacuolization  
Hepatocellular Adenoma  
Necrosis, Cytodegenerative  
Peliosis Hepatis  
Alveolar/Bronchiolar Carcinoma  
Hyperplasia, Reticulum Cell  
Hematopoiesis

Lung  
Lymph node  
Spleen

Mesenteric Lymph Node

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_127

**TRT#:** 2  
**DOSE:** 3000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Liver

Cortex Nos

Hyperplasia, Nos  
Cytoplasmic Vacuolization  
Hepatocellular Adenoma  
Inflammation, Focal  
Necrosis, Cytodegenerative

Lung

Peliosis Hepatis  
Alveolar/Bronchiolar Carcinoma  
Proteinosis, Alveolar

Lymph node  
Spleen

Mesenteric Lymph Node

Lymphoma, Histiocytic-Malignant Type  
Hematopoiesis

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_128

**TRT#:** 2  
**DOSE:** 3000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Brain		Mineralization
Kidney	Tubule	Dilatation, Nos
		Inflammation, Interstitial
Liver		Hepatocellular Carcinoma
Lung		Alveolar/Bronchiolar Adenoma
		Hepatocellular Carcinoma, Metastatic
Spleen		Hematopoiesis
		Hyperplasia, Reticulum Cell
Urinary bladder		Cast, Nos

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_129

**TRT#:** 2  
**DOSE:** 3000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Brain		Hydrocephalus, Internal
Kidney		Hyperplasia, Tubular Cell
Liver		Hepatocellular Adenoma
		Necrosis, Cytodegenerative
		Peliosis Hepatis
Lung		Alveolar/Bronchiolar Adenoma
Prostate		Cast, Nos
Spleen		Lymphoma, Histiocytic-Malignant Type

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_130

**TRT#:** 2  
**DOSE:** 3000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver

Cortex Nos

Hyperplasia, Nos  
Hyperplasia, Tubular Cell  
Cytoplasmic Vacuolization  
Hepatocellular Adenoma  
Necrosis, Cytodegenerative  
Peliosis Hepatis  
Alveolar/Bronchiolar Carcinoma  
Proteinosis, Alveolar

Lung

---

**PRIMARY CAUSE OF DEATH**

-

---



**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_131

**TRT#:** 2  
**DOSE:** 3000 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Unspecified

Cortex Nos  
Multiple Organs Nos

Hyperplasia, Nos  
Lymphoma, Nos-Malignant

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_132

**TRT#:** 2  
**DOSE:** 3000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Brain	Meninges	Inflammation, Focal Mineralization
Lung		Alveolar/Bronchiolar Adenoma
Prostate		Cast, Nos
Trachea		Hemorrhage

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_133

**TRT#:** 2  
**DOSE:** 3000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Brain		Mineralization
Kidney		Hyperplasia, Tubular Cell
Liver		Cytoplasmic Change, Basophilic
		Hepatocytomegaly
		Inflammation, Focal
		Necrosis, Cytodegenerative
		Peliosis Hepatis
Lung		Alveolar/Bronchiolar Adenoma
		Inflammation, Nos
Prostate		Cast, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant

---

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_134

**TRT#:** 2  
**DOSE:** 3000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Brain  
Liver

Cortex Nos

Hyperplasia, Nos  
Mineralization  
Cytoplasmic Vacuolization  
Hepatocellular Adenoma  
Inflammation, Focal  
Necrosis, Cytodegenerative  
Peliosis Hepatis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_135

**TRT#:** 2  
**DOSE:** 3000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney		Hyperplasia, Tubular Cell Inflammation, Interstitial
Liver		Cytoplasmic Vacuolization Hepatocellular Carcinoma Necrosis, Cytodegenerative Peliosis Hepatis
Lung		Alveolar/Bronchiolar Carcinoma
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_136

**TRT#:** 2  
**DOSE:** 3000 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Lymphoma, Nos-Malignant

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_137

**TRT#:** 2  
**DOSE:** 3000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver  
  
Trachea

Cortex Nos

Hyperplasia, Nos  
Hyperplasia, Tubular Cell  
Necrosis, Cytodegenerative  
Peliosis Hepatis  
Hemorrhage

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_138

**TRT#:** 2  
**DOSE:** 3000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver

Cortex Nos

Hyperplasia, Nos  
Hyperplasia, Tubular Cell  
Cytoplasmic Vacuolization  
Hepatocellular Carcinoma  
Hepatocytomegaly  
Inflammation, Focal  
Necrosis, Cytodegenerative  
Peliosis Hepatis  
Alveolar/Bronchiolar Adenoma  
Lymphoma, Histiocytic-Malignant Type

Lung  
Unspecified

Multiple Organs Nos

**PRIMARY CAUSE OF DEATH**

-



**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_139

**TRT#:** 2  
**DOSE:** 3000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver  
  
Lung

Cortex Nos

Hyperplasia, Nos  
Hyperplasia, Tubular Cell  
Hepatocellular Carcinoma  
Peliosis Hepatis  
Alveolar/Bronchiolar Carcinoma  
Proteinosis, Alveolar

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_140

**TRT#:** 2  
**DOSE:** 3000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos	Hyperplasia, Nodular Hyperplasia, Nos
Blood		Reticulocytosis
Gall bladder		Hyperplasia, Papillary
Liver		Granuloma, Nos Hematopoiesis Inflammation, Nos
Lung		Alveolar/Bronchiolar Adenoma
Spleen		Hematopoiesis Hyperplasia, Reticulum Cell
Thymus		Hyperplasia, Lymphoid

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_141

**TRT#:** 2  
**DOSE:** 3000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver

Cortex Nos

Hyperplasia, Nos  
Hyperplasia, Tubular Cell  
Inflammation, Focal  
Necrosis, Cytodegenerative  
Peliosis Hepatis  
Inflammation, Nos  
Cast, Nos

Lung  
Prostate

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_142

**TRT#:** 2  
**DOSE:** 3000 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Lung

Cortex Nos

Hyperplasia, Nos  
Alveolar/Bronchiolar Carcinoma  
Proteinosis, Alveolar

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_143

**TRT#:** 2  
**DOSE:** 3000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Brain  
Kidney  
Liver

Cortex Nos

Hyperplasia, Nos  
Mineralization  
Hyperplasia, Tubular Cell  
Cytoplasmic Vacuolization  
Hepatocellular Adenoma  
Inflammation, Focal  
Necrosis, Cytodegenerative  
Peliosis Hepatis  
Alveolar/Bronchiolar Carcinoma

Lung

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_144

**TRT#:** 2  
**DOSE:** 3000 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Liver  
Seminal vesicle  
Unspecified

Cortex Nos  
  
Mediastinum Nos

Hyperplasia, Nos  
Hepatocellular Adenoma  
Sarcoma, Nos  
Sarcoma, Nos, Metastatic

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_145

**TRT#:** 2  
**DOSE:** 3000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Brain  
Kidney  
Unspecified

Cortex Nos  
Tubule  
Multiple Organs Nos

Hyperplasia, Nos  
Mineralization  
Dilatation, Nos  
Lymphoma, Histiocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_146

**TRT#:** 2  
**DOSE:** 3000 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver

Cortex Nos

Hyperplasia, Nos  
Nephrosis, Hydro  
Inflammation, Focal  
Necrosis, Focal  
Inflammation, Suppurative  
Angiosarcoma

Prostate  
Spleen

---

**PRIMARY CAUSE OF DEATH**

-

---



**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_147

**TRT#:** 2  
**DOSE:** 3000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Brain  
Kidney  
Liver

Cortex Nos

Hyperplasia, Nos  
Mineralization  
Hyperplasia, Tubular Cell  
Cytoplasmic Vacuolization  
Hepatocellular Carcinoma  
Necrosis, Cytodegenerative  
Peliosis Hepatis  
Cyst, Nos  
Hematopoiesis

Preputial gland  
Spleen

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_148

**TRT#:** 2  
**DOSE:** 3000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Blood  
Kidney  
Liver

Cortex Nos

Hyperplasia, Nos  
Leukocytosis, Nos  
Hyperplasia, Tubular Cell  
Inflammation, Focal  
Necrosis, Cytodegenerative  
Peliosis Hepatis  
Hematopoiesis

Spleen

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_149

**TRT#:** 2  
**DOSE:** 3000 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Brain

Cortex Nos

Hyperplasia, Nos  
Ependymoma  
Mineralization  
Hyperplasia, Tubular Cell  
Inflammation, Focal  
Granuloma, Spermatic

Kidney  
Liver  
Testis

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_150

**TRT#:** 2  
**DOSE:** 3000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Brain	Mineralization
Kidney	Hyperplasia, Tubular Cell
Liver	Necrosis, Cytodegenerative
	Peliosis Hepatis
Prostate	Cast, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_201

**TRT#:** 3  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Brain		Mineralization
Kidney		Hyperplasia, Tubular Cell
		Infarct, Healed
Liver		Hepatocellular Carcinoma
		Inflammation, Focal
Lung		Alveolar/Bronchiolar Adenoma
Pancreas	Islets	Hyperplasia, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_202

**TRT#:** 3  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver

Cortex Nos

Hyperplasia, Nos  
Hyperplasia, Tubular Cell  
Hepatocellular Adenoma  
Inflammation, Focal  
Hematopoiesis  
Lymphoma, Mixed-Malignant Type

Spleen  
Unspecified

Multiple Organs Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_203

**TRT#:** 3  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Kidney

Cortex Nos

Hyperplasia, Nos  
Hyperplasia, Tubular Cell  
Inflammation, Interstitial  
Cytoplasmic Vacuolization  
Inflammation, Focal  
Inflammation, Nos

Liver

Lung

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_204

**TRT#:** 3  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Brain  
Lung

Mineralization  
Alveolar/Bronchiolar Adenoma  
Proteinosis, Alveolar

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_205

**TRT#:** 3  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver

Cortex Nos

Hyperplasia, Nos  
Hyperplasia, Tubular Cell  
Hepatocellular Carcinoma  
Inflammation, Focal  
Lymphoma, Nos-Malignant

Lymph node

Mesenteric Lymph Node

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_206

**TRT#:** 3  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Kidney

Cortex Nos

Hyperplasia, Nos  
Hyperplasia, Tubular Cell  
Infarct, Healed  
Hepatocellular Carcinoma  
Inflammation, Focal  
Alveolar/Bronchiolar Carcinoma

Liver

Lung

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_207

**TRT#:** 3  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Intestine Large	Large Intestine, Colon	Hyperplasia, Lymphoid
Kidney		Hyperplasia, Tubular Cell
Liver		Inflammation, Focal
Lymph node	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
Pancreas	Acinus	Degeneration, Nos
Prostate		Cast, Nos
Spleen		Hematopoiesis

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_208

**TRT#:** 3  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney		Pyelonephritis, Nos
Liver		Hepatocellular Carcinoma
Pancreas	Islets	Hyperplasia, Nos
Spleen		Angiosarcoma

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_209

**TRT#:** 3  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver

Cortex Nos

Hyperplasia, Nos  
Hyperplasia, Tubular Cell  
Cytoplasmic Vacuolization  
Inflammation, Focal  
Hematopoiesis  
Hyperplasia, Reticulum Cell

Spleen

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_210

**TRT#:** 3  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Heart  
Lung  
Pancreas  
Unspecified

Cortex Nos  
  
Islets  
Multiple Organs Nos

Hyperplasia, Nos  
Mineralization  
Inflammation, Nos  
Hyperplasia, Nos  
Sarcoma, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_211

**TRT#:** 3  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney	Hyperplasia, Tubular Cell
Liver	Inflammation, Focal
Lung	Alveolar/Bronchiolar Carcinoma
	Inflammation, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_212

**TRT#:** 3  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Kidney		Hyperplasia, Tubular Cell
Liver		Angiosarcoma
Pancreas	Islets	Hyperplasia, Nos
Seminal vesicle		Cast, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_213

**TRT#:** 3  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Brain  
Liver

Cortex Nos

Hyperplasia, Nos  
Mineralization  
Cytoplasmic Vacuolization  
Hepatocellular Carcinoma  
Inflammation, Focal  
Lymphoma, Nos-Malignant

Unspecified

Multiple Organs Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_214

**TRT#:** 3  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Lung

Cortex Nos

Hyperplasia, Nos  
Alveolar/Bronchiolar Carcinoma  
Proteinosis, Alveolar

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_215

**TRT#:** 3  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Kidney		Hyperplasia, Tubular Cell
Liver		Inflammation, Focal
Lung		Inflammation, Nos
Pancreas		Atrophy, Nos
Spleen		Hematopoiesis
Thymus		Lymphoma, Lymphocytic-Malignant Type
Unspecified	Abdominal Cavity	Granuloma, Lipo
	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_216

**TRT#:** 3  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Brain		Mineralization
Kidney		Hyperplasia, Tubular Cell
		Inflammation, Interstitial
Liver		Hepatocellular Carcinoma
		Necrosis, Focal
Lung		Hepatocellular Carcinoma, Metastatic
Pancreas		Atrophy, Nos
		Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_217

**TRT#:** 3  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Cortex Nos

Cortical Adenoma

Kidney

Hyperplasia, Nos

Liver

Hyperplasia, Tubular Cell

Lung

Hepatocellular Adenoma

Trachea

Alveolar/Bronchiolar Carcinoma

Unspecified

Gland

Dilatation, Nos

Multiple Organs Nos

Hyperplasia, Lymphoid

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_218

**TRT#:** 3  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver

Cortex Nos

Hyperplasia, Nos  
Hyperplasia, Tubular Cell  
Hepatocellular Carcinoma  
Necrosis, Focal  
Hepatocellular Carcinoma, Metastatic  
Hemosiderosis

Lung  
Lymph node

Mandibular Lymph Node

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_219

**TRT#:** 3  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Brain		Mineralization
Kidney		Hepatocellular Carcinoma, Metastatic
Liver		Hepatocellular Carcinoma
Lung		Hepatocellular Carcinoma, Metastatic
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03598  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butylated hydroxytoluene  
**CAS Number:** 128-37-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:28:26  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_220

**TRT#:** 3  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver

Cortex Nos

Hyperplasia, Nos  
Hyperplasia, Tubular Cell  
Hepatocellular Carcinoma  
Inflammation, Focal  
Alveolar/Bronchiolar Carcinoma  
Hematopoiesis  
Hyperplasia, Lymphoid  
Hematopoiesis

Lung  
Lymph node

Mesenteric Lymph Node  
Mandibular Lymph Node

Spleen

**PRIMARY CAUSE OF DEATH**

-

**\*\* END OF REPORT \*\***