

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:55
First Dose M/F: NA / NA
Lab: NA

C Number:	C56417
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Male

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_001

TRT#: 1
DOSE: 5000 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Tarsal Joint	Ankylosis
Brain	Thalamus	Mineralization
Kidney		Inflammation, Chronic
Prostate		Inflammation, Chronic
Salivary gland		Inflammation, Chronic
Stomach	Forestomach	Squamous Cell Papilloma
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
Urethra		Calculus, Microscopic Examination

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_002

TRT#: 1
DOSE: 5000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
	Tubule	Mineralization
Lung		Congestion, Nos
Spleen		Depletion, Lymphoid

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_003

TRT#: 1
DOSE: 5000 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain
Kidney

Thalamus

Mineralization
Inflammation, Acute
Mineralization

Lymph node
Pituitary gland
Spleen
Thymus

Tubule
Mesenteric Lymph Node
Anterior Pituitary

Depletion, Lymphoid
Hyperplasia, Nos
Depletion, Lymphoid
Depletion, Lymphoid

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_004

TRT#: 1
DOSE: 5000 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Inflammation, Chronic
Liver	Hepatocellular Adenoma
Lung	Alveolar/Bronchiolar Adenoma
Pancreas	Inflammation, Chronic
Salivary gland	Inflammation, Chronic
Spleen	Hematopoiesis
Testis	Atrophy, Nos

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_005

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
	Tubule	Mineralization
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Prostate		Inflammation, Chronic
Seminal vesicle		Inflammation, Chronic
Spleen		Depletion, Lymphoid
Testis		Perivasculitis
Ureter		Hyperplasia, Epithelial
		Inflammation, Acute
Urethra		Calculus, Microscopic Examination

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_006

TRT#: 1
DOSE: 5000 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Mineralization
Kidney		Inflammation, Chronic
	Tubule	Mineralization
Spleen		Hyperplasia, Lymphoid

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_007

TRT#: 1
DOSE: 5000 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Mineralization
Kidney		Inflammation, Chronic
Pancreas		Inflammation, Chronic
Preputial gland		Hyperplasia, Nos
Salivary gland		Inflammation, Chronic
Seminal vesicle		Inflammation, Active Chronic
Skin		Cyst, Epidermal Inclusion
		Inflammation, Acute Necrotizing
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Inflammation, Acute
Thyroid		Cyst, Nos
Unspecified		Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_008

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney	Tubule	Mineralization
Liver		Hepatocellular Carcinoma
Lung		Congestion, Nos
Lymph node	Mandibular Lymph Node	Depletion, Lymphoid
	Tracheal Lymph Node	Depletion, Lymphoid
Spleen		Depletion, Lymphoid
Urinary bladder		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_009

TRT#: 1
DOSE: 5000 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Mineralization
Epididymis		Mineralization
Harderian gland	Harderian Gland	Adenoma, Nos
Kidney		Inflammation, Chronic
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Dilatation, Ducts
		Inflammation, Active Chronic
Prostate	Coagulating Gland	Distention
Spleen		Hematopoiesis
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
Unspecified		Fibrosarcoma

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_010

TRT#: 1
DOSE: 5000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
	Tubule	Mineralization
Penis	Prepuce Nos	Inflammation, Acute Necrotizing
Spleen		Depletion, Lymphoid

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_011

TRT#: 1
DOSE: 5000 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Tubule	Atrophy, Nos Cyst, Nos Glomerulonephritis, Nos Inflammation, Chronic Nephrosis, Hydro
Liver	Tubule	Regeneration, Nos Cytoplasmic Change, Basophilic Hepatocellular Carcinoma Necrosis, Coagulative
Lymph node	Renal Lymph Node	Hyperplasia, Nos
Seminal vesicle		Distention
Stomach	Forestomach	Hyperkeratosis
	Forestomach	Hyperplasia, Epithelial
Testis		Atrophy, Nos
Urinary bladder		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_012

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver		Hepatocellular Carcinoma
Mammary gland		Dilatation, Ducts
Spleen		Hematopoiesis
Testis		Atrophy, Nos
		Mineralization
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_013

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Brain	Thalamus	Mineralization
Intestine Large	Colon	Inflammation, Nos
Kidney		Inflammation, Chronic
	Tubule	Regeneration, Nos
Lymph node	Mesenteric Lymph Node	Inflammation, Active Chronic
Pancreas		Inflammation, Chronic
Stomach	Glandular Stomach	Inflammation, Chronic
Testis		Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_014

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Liver		Cytoplasmic Vacuolization
		Necrosis, Coagulative
Lung		Congestion, Nos
Lymph node		Depletion, Lymphoid
	Mediastinal Lymph Node	Hyperplasia, Plasma Cell
		Pigmentation, Nos
Preputial gland		Atrophy, Nos
Spleen		Depletion, Lymphoid
Stomach	Forestomach	Squamous Cell Papilloma
Testis		Atrophy, Nos
Unspecified	Multiple Organs Nos	Sarcoma, Nos, Uncertain Primary Or Meta

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_015

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Brain	Thalamus	Mineralization
Kidney		Inflammation, Chronic
	Tubule	Mineralization
	Tubule	Regeneration, Nos
Liver		Necrosis, Coagulative
Lung		Alveolar/Bronchiolar Adenoma
Lymph node	Mesenteric Lymph Node	Histiocytosis
Pancreas		Inflammation, Chronic
Salivary gland		Inflammation, Chronic
Urethra		Calculus, Microscopic Examination

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_016

TRT#: 1
DOSE: 5000 PPM

SEX: Male
DISP: Accidentally Killed

DAY ON TEST:
HISTO:

OBSERVATIONS

Pituitary gland
Spleen

Anterior Pituitary

Adenoma, Nos
Depletion, Lymphoid

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_017

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Accidentally Killed

HISTO:

OBSERVATIONS

Penis
Spleen
Thymus

Inflammation, Acute Necrotizing
Depletion, Lymphoid
Depletion, Lymphoid

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_019

TRT#: 1
DOSE: 5000 PPM

SEX: Male
DISP: Accidentally Killed

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Inflammation, Chronic
Lung	Aspiration, Foreign Body
Spleen	Depletion, Lymphoid
Testis	Cyst, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_020

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Accidentally Killed

HISTO:

OBSERVATIONS

Lymph node
Spleen
Thymus

Mesenteric Lymph Node

Depletion, Lymphoid
Depletion, Lymphoid
Depletion, Lymphoid

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_021

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Brain	Thalamus	Mineralization
Kidney		Inflammation, Chronic
	Tubule	Regeneration, Nos
Liver		Hepatocellular Adenoma
Pancreas		Inflammation, Chronic
Penis	Prepuce Nos	Acanthosis
Salivary gland		Inflammation, Chronic
Spleen		Hematopoiesis
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_022

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Eye	Iris	Synechia, Anterior
	Iris	Synechia, Posterior
Kidney		Inflammation, Chronic
	Tubule	Mineralization
Lymph node	Mesenteric Lymph Node	Inflammation, Acute
Pancreas		Inflammation, Chronic
Seminal vesicle		Distention
		Inflammation, Acute
Spleen		Depletion, Lymphoid

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_023

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Brain	Thalamus	Mineralization
Kidney		Inflammation, Chronic
Liver		Cytoplasmic Change, Basophilic
		Hepatocellular Adenoma
Pancreas		Inflammation, Chronic
Salivary gland		Inflammation, Chronic
Stomach	Forestomach	Hyperplasia, Epithelial
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
Thymus		Cyst, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_024

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Brain	Thalamus	Mineralization
Kidney		Inflammation, Chronic
	Tubule	Regeneration, Nos
Pancreas		Inflammation, Chronic
Seminal vesicle		Fibrosis
		Inflammation, Active Chronic
Testis		Atrophy, Nos
Thymus		Cyst, Nos
		Depletion, Lymphoid
Urinary bladder		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_025

TRT#: 1
DOSE: 5000 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Mineralization
Kidney		Inflammation, Chronic
Liver		Inflammation, Chronic
Testis		Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_026

TRT#: 1
DOSE: 5000 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Brain	Thalamus	Mineralization
Kidney		Inflammation, Chronic
	Tubule	Regeneration, Nos
Liver		Hepatocellular Adenoma
Lung		Alveolar/Bronchiolar Adenoma
Lymph node	Mesenteric Lymph Node	Angiectasis
Nasal cavity		Inflammation, Acute
Pancreas		Inflammation, Chronic
Testis		Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_027

TRT#: 1
DOSE: 5000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Cerebrum	Inflammation, Acute
	Cerebrum	Necrosis, Nos
Kidney	Tubule	Regeneration, Nos
Liver		Hepatocellular Carcinoma
Lung		Congestion, Nos
Pancreas		Inflammation, Chronic
Spleen		Depletion, Lymphoid
		Hematopoiesis
Stomach	Omentum Nos	Fibrosis
	Omentum Nos	Mineralization
	Omentum Nos	Necrosis, Nos
Thymus		Depletion, Lymphoid
Unspecified	Multiple Organs Nos	Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_028

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Brain	Thalamus	Mineralization
Eye	Nasolacrimal Duct	Inflammation, Nos
Kidney		Inflammation, Chronic
	Tubule	Regeneration, Nos
Liver		Hepatocellular Adenoma
		Necrosis, Coagulative
Pancreas		Inflammation, Chronic
Salivary gland		Inflammation, Chronic
Urethra		Calculus, Microscopic Examination

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_029

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow		Hypoplasia, Nos
Kidney	Glomerulus	Adhesion, Nos
Liver		Hepatocellular Carcinoma
Lung		Alveolar/Bronchiolar Adenoma
		Hepatocellular Carcinoma, Metastatic
Lymph node	Mandibular Lymph Node	Depletion, Lymphoid
Salivary gland		Inflammation, Chronic
Spleen		Depletion, Lymphoid
Testis		Atrophy, Nos
Urinary bladder		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_030

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Brain	Thalamus	Mineralization
Kidney		Nephrosis, Hydro
	Tubule	Regeneration, Nos
Liver		Hepatocellular Adenoma
		Necrosis, Coagulative
Pancreas		Atrophy, Nos
Testis		Atrophy, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Undifferentiated-Malignant Type

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_031

TRT#: 1
DOSE: 5000 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Blood vessel	Cystic Artery	Necrosis, Fibrinoid
Kidney	Tubule	Atrophy, Nos
	Tubule	Mineralization
		Pyelonephritis, Nos
	Tubule	Regeneration, Nos
Lung		Hyperplasia, Alveolar Epithelium
Pancreas		Inflammation, Acute
Peritoneum		Inflammation, Acute
Pituitary gland	Anterior Pituitary	Cyst, Nos
	Anterior Pituitary	Hyperplasia, Nos
Salivary gland		Inflammation, Chronic
Seminal vesicle		Inflammation, Active Chronic
Spleen		Depletion, Lymphoid
		Hematopoiesis
Testis		Atrophy, Nos
Thymus		Depletion, Lymphoid
		Necrosis, Nos
Urethra		Inflammation, Acute
Urinary bladder		Angiectasis
		Hemorrhage
		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_032

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow		Hypoplasia, Nos
Heart		Mineralization
Kidney	Tubule	Atrophy, Nos
		Glomerulosclerosis, Nos
	Papilla	Necrosis, Coagulative
		Pyelonephritis, Nos
Liver		Hepatocellular Carcinoma
Pancreas		Atrophy, Nos
		Cytoplasmic Change, Nos
		Fibrosis
		Inflammation, Chronic
Spleen		Depletion, Lymphoid
Testis		Atrophy, Nos
Urinary bladder		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_033

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Lymph node	Mesenteric Lymph Node	Angiectasis
	Mesenteric Lymph Node	Fibrosis
Pancreas		Inflammation, Chronic
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Squamous Cell Papilloma
Testis		Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_034

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain	Thalamus	Mineralization
Kidney	Tubule	Inflammation, Chronic Mineralization Nephrosis, Hydro Pyelonephritis, Nos
Lymph node	Mesenteric Lymph Node	Depletion, Lymphoid
Pancreas		Inflammation, Chronic
Spleen		Depletion, Lymphoid
Testis		Atrophy, Nos
Unspecified	Multiple Organs Nos	Bacterial Septicemia

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_035

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
	Tubule	Mineralization
Lung		Hemorrhage
Lymph node	Inguinal Lymph Node	Depletion, Lymphoid
	Mandibular Lymph Node	Depletion, Lymphoid
	Mediastinal Lymph Node	Depletion, Lymphoid
	Mesenteric Lymph Node	Depletion, Lymphoid
Penis	Prepuce Nos	Inflammation, Acute Necrotizing
Spleen		Depletion, Lymphoid
Thymus		Depletion, Lymphoid

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_036

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Brain
Intestine Small

Thalamus
Mesentery, Jejunum
Jejunum
Mesentery, Jejunum

Kidney
Pancreas
Spleen
Stomach
Testis

Forestomach

Mineralization
Cyst, Nos
Hyperplasia, Epithelial
Inflammation, Active Chronic
Inflammation, Chronic
Inflammation, Chronic
Depletion, Lymphoid
Squamous Cell Papilloma
Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_037

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Eye	Nasolacrimal Duct	Inflammation, Nos
Heart		Mineralization
Liver		Hepatocellular Carcinoma
		Necrosis, Coagulative
Lymph node	Mesenteric Lymph Node	Depletion, Lymphoid
	Mesenteric Lymph Node	Histiocytosis
Pancreas		Inflammation, Chronic
Spleen		Depletion, Lymphoid
		Hematopoiesis
Testis		Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_038

TRT#: 1
DOSE: 5000 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Mineralization
Kidney		Inflammation, Chronic
Pancreas		Inflammation, Chronic
Spleen		Depletion, Lymphoid
Testis		Atrophy, Nos
Thymus		Cyst, Nos
		Depletion, Lymphoid
Thyroid		Hyperplasia, Follicular Cell

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_039

TRT#: 1
DOSE: 5000 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Mineralization
Kidney	Tubule	Atrophy, Nos
		Inflammation, Chronic
	Tubule	Regeneration, Nos
Liver		Hepatocellular Adenoma
		Hepatocellular Carcinoma
Pancreas		Inflammation, Chronic
Salivary gland		Inflammation, Chronic
Skeletal muscle	Abdominal Muscle	Inflammation, Chronic
Stomach	Glandular Stomach	Inflammation, Chronic
Thymus		Cyst, Nos
Urinary bladder		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_040

TRT#: 1
DOSE: 5000 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Mineralization
Kidney		Inflammation, Chronic
	Tubule	Regeneration, Nos
Lung		Inflammation, Acute
Pancreas		Inflammation, Chronic
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Abscess, Nos
Salivary gland		Inflammation, Chronic
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
Urinary bladder		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_041

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
	Tubule	Mineralization
Lung		Inflammation, Chronic
Salivary gland		Inflammation, Chronic
Skin		Cyst, Epidermal Inclusion
		Inflammation, Acute
Spleen		Depletion, Lymphoid

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_042

TRT#: 1
DOSE: 5000 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
	Tubule	Regeneration, Nos
Pancreas		Inflammation, Chronic
Salivary gland		Inflammation, Chronic
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
Thymus		Cyst, Nos
Urinary bladder		Inflammation, Chronic

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_043

TRT#: 1
DOSE: 5000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Spleen

Tubule

Regeneration, Nos
Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_044

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain	Thalamus	Mineralization
Kidney	Tubule	Atrophy, Nos
		Fibrosis
		Glomerulosclerosis, Nos
		Inflammation, Chronic
Liver		Cytoplasmic Change, Basophilic
Lung		Hyperplasia, Alveolar Epithelium
Lymph node	Lumbar Lymph Node	Hyperplasia, Plasma Cell
Nasal cavity		Inflammation, Acute
Preputial gland		Dilatation, Ducts
Prostate		Inflammation, Acute
		Inflammation, Chronic
Spleen		Depletion, Lymphoid
		Hematopoiesis
Testis		Atrophy, Nos
		Inflammation, Acute
Unspecified	Perineum	Abscess, Nos
Urinary bladder		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_045

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
	Tubule	Regeneration, Nos
Liver		Hyperplasia, Reticulum Cell
		Necrosis, Coagulative
Lung		Perivascular Cuffing
Preputial gland		Abscess, Nos
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
Thyroid		Hyperplasia, Follicular Cell
Urethra		Calculus, Microscopic Examination
Urinary bladder		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_046

TRT#: 1
DOSE: 5000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Tubule	Mineralization
Penis	Prepuce Nos	Inflammation, Acute Necrotizing
Unspecified	Multiple Organs Nos	Depletion, Lymphoid

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_047

TRT#: 1
DOSE: 5000 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Liver		Hepatocellular Adenoma
Lymph node		Pigmentation, Nos
Pancreas		Inflammation, Chronic
Pituitary gland	Anterior Pituitary	Cyst, Nos
Testis		Atrophy, Nos
Urinary bladder		Inflammation, Chronic

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_048

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain

Thalamus

Mineralization

Kidney

Tubule

Mineralization

Tubule

Necrosis, Nos

Lymph node

Mesenteric Lymph Node

Depletion, Lymphoid

Seminal vesicle

Distention

Spleen

Depletion, Lymphoid

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_049

TRT#: 1
DOSE: 5000 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Mineralization
Eye	Nasolacrimal Duct	Inflammation, Nos
Kidney		Inflammation, Chronic
Pituitary gland	Anterior Pituitary	Cyst, Nos
Spleen		Depletion, Lymphoid
Testis		Atrophy, Nos
Urethra		Calculus, Microscopic Examination

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_050

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 5000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Lymph node	Pancreatic Lymph Node	Depletion, Lymphoid
Spleen		Depletion, Lymphoid
Urethra		Calculus, Microscopic Examination

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_001

TRT#: 2
DOSE: 2500 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Liver

Inflammation, Chronic
Hepatocellular Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_002

TRT#: 2
DOSE: 2500 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Harderian gland
Kidney

Harderian Gland
Tubule

Inflammation, Chronic Focal
Atrophy, Nos
Glomerulosclerosis, Nos
Inflammation, Chronic
Necrosis, Coagulative
Pyelonephritis, Nos

Liver
Lung
Lymph node
Pancreas
Preputial gland
Salivary gland
Spleen
Stomach

Papilla

Mesenteric Lymph Node

Inflammation, Chronic
Hemorrhage
Lymphoma, Undifferentiated-Malignant Type
Inflammation, Chronic
Inflammation, Active Chronic
Inflammation, Chronic
Hematopoiesis
Inflammation, Acute
Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_003

TRT#: 2
DOSE: 2500 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Mineralization
Kidney		Inflammation, Chronic
	Tubule	Mineralization
Lung		Alveolar/Bronchiolar Adenoma
Pancreas		Inflammation, Chronic
Preputial gland		Inflammation, Chronic
Salivary gland		Inflammation, Chronic
Stomach	Forestomach	Inflammation, Chronic
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_004

TRT#: 2
DOSE: 2500 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Mineralization
Kidney		Inflammation, Chronic
Pancreas		Inflammation, Chronic
Preputial gland		Inflammation, Chronic
Salivary gland		Inflammation, Chronic
Skin		Inflammation, Acute Necrotizing
Stomach	Glandular Stomach	Inflammation, Chronic
Unspecified		Fibroma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_005

TRT#: 2
DOSE: 2500 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Mineralization
Kidney		Glomerulosclerosis, Nos
	Tubule	Regeneration, Nos
Liver		Hepatocellular Carcinoma
Lung		Alveolar/Bronchiolar Adenoma
		Hepatocellular Carcinoma, Metastatic
		Histiocytosis
Stomach	Glandular Stomach	Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_006

TRT#: 2
DOSE: 2500 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Mineralization
Kidney		Glomerulosclerosis, Nos
		Inflammation, Chronic
	Tubule	Regeneration, Nos
Liver		Cytoplasmic Change, Basophilic
		Hepatocellular Adenoma
		Hepatocellular Carcinoma
		Necrosis, Coagulative
Lymph node	Mesenteric Lymph Node	Hemorrhage
	Mesenteric Lymph Node	Thrombus, Organized
Pancreas		Inflammation, Chronic
Stomach	Glandular Stomach	Hyperplasia, Epithelial
	Glandular Stomach	Inflammation, Chronic
Testis		Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_007

TRT#: 2
DOSE: 2500 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Mineralization
Kidney	Tubule	Mineralization
	Tubule	Regeneration, Nos
Lymph node	Mandibular Lymph Node	Pigmentation, Nos
Salivary gland		Inflammation, Chronic
Skin		Inflammation, Acute Necrotizing
Unspecified		Fibroma

PRIMARY CAUSE OF DEATH -

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_008

TRT#: 2
DOSE: 2500 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Liver		Atrophy, Nos
		Hemangiopericytoma, Nos
		Hepatocytomegaly
	Kupffer Cell	Hyperplasia, Nos
		Necrosis, Coagulative
		Nuclear Enlargement
Pancreas		Inflammation, Chronic
Preputial gland		Abscess, Nos
Salivary gland		Inflammation, Chronic
Testis		Histiocytosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_009

TRT#: 2
DOSE: 2500 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Mineralization
Kidney	Tubule	Cast, Nos
		Inflammation, Chronic
	Tubule	Regeneration, Nos
Liver		Hematopoiesis
Lung		Leukemoid Reaction
Spleen		Hematopoiesis
Thyroid		Inflammation, Nos
Unspecified		Fibrosarcoma
Urinary bladder		Inflammation, Chronic

PRIMARY CAUSE OF DEATH -

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_010

TRT#: 2
DOSE: 2500 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Mineralization
Eye	Nasolacrimal Duct	Inflammation, Nos
Kidney		Glomerulonephritis, Nos
Liver		Hepatocellular Carcinoma
		Sarcoma, Nos, Metastatic
Lung		Hepatocellular Carcinoma, Metastatic
		Sarcoma, Nos, Metastatic
Lymph node	Inguinal Lymph Node	Sarcoma, Nos, Metastatic
Spleen		Hematopoiesis
Unspecified		Sarcoma, Nos
Urinary bladder		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_011

TRT#: 2
DOSE: 2500 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Tarsal Joint	Ankylosis
	Tarsal Joint	Osteoarthritis
Brain	Thalamus	Mineralization
Kidney		Inflammation, Chronic
Pancreas		Inflammation, Chronic
Skin		Inflammation, Acute Necrotizing
Spleen		Hematopoiesis
Stomach		Cyst, Epidermal Inclusion
	Glandular Stomach	Inflammation, Chronic
	Forestomach	Squamous Cell Papilloma
Unspecified		Fibrosarcoma
		Inflammation, Active Chronic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_012

TRT#: 2
DOSE: 2500 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Tubule	Inflammation, Chronic Mineralization Pyelonephritis, Nos
Liver		Inflammation, Acute
Pancreas		Inflammation, Chronic
Penis	Prepuce Nos	Inflammation, Acute Necrotizing
Salivary gland		Inflammation, Chronic
Spleen		Depletion, Lymphoid
Thymus		Cyst, Nos
Urethra	Urethral Gland	Depletion, Lymphoid
Urinary bladder		Inflammation, Acute Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_013

TRT#: 2
DOSE: 2500 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Tubule	Atrophy, Nos Glomerulosclerosis, Nos Inflammation, Chronic
	Tubule	Pigmentation, Nos
	Tubule	Regeneration, Nos
Liver		Hepatocellular Carcinoma Necrosis, Coagulative
Lung		Hepatocellular Carcinoma, Metastatic
Pancreas		Inflammation, Chronic
Prostate		Inflammation, Chronic
Salivary gland		Inflammation, Chronic
Spleen		Hematopoiesis
Testis		Atrophy, Nos
Unspecified		Fibroma
	Back	Inflammation, Granulomatous
Urethra		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_014

TRT#: 2
DOSE: 2500 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Mineralization
Kidney		Inflammation, Chronic
		Metaplasia, Osseous
	Tubule	Mineralization
	Tubule	Regeneration, Nos
Liver		Cytoplasmic Change, Basophilic
		Hepatocellular Adenoma
Lung		Alveolar/Bronchiolar Carcinoma
		Histiocytosis
Pancreas	Islets	Hyperplasia, Nos
		Inflammation, Chronic
Salivary gland		Inflammation, Chronic

PRIMARY CAUSE OF DEATH -

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_015

TRT#: 2
DOSE: 2500 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Mineralization
Kidney		Inflammation, Chronic
	Tubule	Mineralization
Liver		Hepatocellular Adenoma
Pancreas		Inflammation, Chronic
Testis		Mineralization

PRIMARY CAUSE OF DEATH -

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_016

TRT#: 2
DOSE: 2500 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis		Granuloma, Spermatic
Kidney		Inflammation, Chronic
Lymph node	Cervical Lymph Node Nos	Depletion, Lymphoid
	Mediastinal Lymph Node	Depletion, Lymphoid
Spleen		Depletion, Lymphoid
		Hematopoiesis
Thymus		Necrosis, Nos
Unspecified	Abdominal Cavity	Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_017

TRT#: 2
DOSE: 2500 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Mineralization
Kidney		Inflammation, Chronic
	Tubule	Regeneration, Nos
Liver	Bile Duct	Dilatation, Nos
		Inflammation, Chronic
Pancreas		Inflammation, Chronic
Salivary gland		Inflammation, Chronic
Spleen		Hyperplasia, Lymphoid

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_018

TRT#: 2
DOSE: 2500 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Tarsal Joint	Ankylosis
	Tarsal Joint	Osteoarthritis
Brain	Thalamus	Mineralization
Kidney		Inflammation, Chronic
Liver		Hepatocellular Carcinoma
		Necrosis, Coagulative
Lung		Hepatocellular Carcinoma, Metastatic
		Hyperplasia, Alveolar Epithelium
Pancreas		Inflammation, Chronic
Salivary gland		Inflammation, Chronic
Skin		Inflammation, Acute Necrotizing
Spleen		Hematopoiesis
Stomach	Forestomach	Inflammation, Chronic
Thymus		Depletion, Lymphoid
Unspecified		Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_019

TRT#: 2
DOSE: 2500 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Tarsal Joint	Ankylosis
	Tarsal Joint	Osteoarthritis
Brain	Thalamus	Mineralization
Epididymis		Inflammation, Active Chronic
Kidney		Inflammation, Chronic
Liver		Inflammation, Chronic
Lymph node	Mesenteric Lymph Node	Hemorrhage
	Inguinal Lymph Node	Hyperplasia, Plasma Cell
	Renal Lymph Node	Hyperplasia, Plasma Cell
Pancreas		Inflammation, Chronic
Salivary gland		Inflammation, Chronic
		Sarcoma, Nos, Uncertain Primary Or Meta
Skin		Inflammation, Acute Necrotizing
Spleen		Hematopoiesis
Stomach	Forestomach	Hyperkeratosis
	Glandular Stomach	Inflammation, Chronic
Unspecified		Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_020

TRT#: 2
DOSE: 2500 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Mineralization
Kidney		Glomerulonephritis, Nos
		Inflammation, Chronic
Pancreas		Inflammation, Chronic
Salivary gland		Inflammation, Chronic
Spleen		Hyperplasia, Lymphoid

PRIMARY CAUSE OF DEATH -

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_021

TRT#: 2
DOSE: 2500 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Tarsal Joint	Ankylosis
	Tarsal Joint	Osteoarthritis
Brain	Thalamus	Mineralization
Kidney		Inflammation, Acute
	Tubule	Mineralization
	Tubule	Regeneration, Nos
Liver		Necrosis, Coagulative
Lymph node	Lymph Node Of Upper Extremity	Neurofibrosarcoma, Invasive
Spleen		Depletion, Lymphoid
Stomach	Forestomach	Hyperkeratosis
	Forestomach	Lymphangiectasis
Testis		Atrophy, Nos
Unspecified		Neurofibrosarcoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_022

TRT#: 2
DOSE: 2500 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Mineralization
Ductus deferens	Vas Deferens Nos	Inflammation, Chronic
Epididymis		Inflammation, Chronic
Kidney		Inflammation, Chronic
	Tubule	Mineralization
	Tubule	Regeneration, Nos
Liver		Hepatocellular Carcinoma
	Periportal	Inflammation, Chronic
Lung		Hyperplasia, Alveolar Epithelium
		Perivasculitis
Pancreas		Atrophy, Nos
		Inflammation, Chronic
Salivary gland		Inflammation, Chronic
Testis		Atrophy, Nos
Urinary bladder		Calculus, Gross Observation Only

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_023

TRT#: 2
DOSE: 2500 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Cortical Adenoma
	Cortex Nos	Hyperplasia, Nos
Brain	Thalamus	Mineralization
Epididymis	Epididymal Lumen	Dilatation, Nos
	Epididymal Lumen	Mineralization
Kidney		Inflammation, Chronic
	Tubule	Mineralization
	Tubule	Regeneration, Nos
Liver		Inflammation, Chronic
		Necrosis, Coagulative
Pancreas		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_024

TRT#: 2
DOSE: 2500 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Tubule	Mineralization
Liver		Cytoplasmic Vacuolization
Prostate		Inflammation, Acute
Spleen		Depletion, Lymphoid
Testis		Mineralization
Urinary bladder		Inflammation, Acute

PRIMARY CAUSE OF DEATH -

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:56
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_025

TRT#: 2
DOSE: 2500 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Mineralization
Kidney		Inflammation, Chronic
	Tubule	Mineralization
Liver		Hematopoiesis
Lymph node	Mesenteric Lymph Node	Angiectasis
Pancreas		Inflammation, Chronic
Penis	Prepuce Nos	Inflammation, Active Chronic
Salivary gland		Inflammation, Chronic
Spleen		Depletion, Lymphoid
		Hematopoiesis
Testis		Atrophy, Nos
Urinary bladder		Hyperplasia, Epithelial
		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:56
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_026

TRT#: 2
DOSE: 2500 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Mineralization
Epididymis		Inflammation, Chronic
Kidney		Inflammation, Chronic
Liver		Hepatocellular Adenoma
Pancreas		Inflammation, Chronic
Salivary gland		Inflammation, Chronic

PRIMARY CAUSE OF DEATH -

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:56
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_027

TRT#: 2
DOSE: 2500 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Mineralization
Kidney		Glomerulosclerosis, Nos
		Inflammation, Chronic
	Tubule	Regeneration, Nos
Liver		Hepatocellular Adenoma
Lymph node	Pancreatic Lymph Node	Angiectasis
Pancreas		Inflammation, Chronic
Salivary gland		Inflammation, Chronic
Spleen		Depletion, Lymphoid
Unspecified	Abdominal Cavity	Hemoperitoneum

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:56
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_028

TRT#: 2
DOSE: 2500 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
	Tubule	Mineralization
Liver		Hepatocellular Adenoma
Lymph node		Angiectasis
Pancreas	Mesenteric Lymph Node	Inflammation, Chronic
Salivary gland		Inflammation, Chronic
Urinary bladder		Calculus, Gross Observation Only
		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:56
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_029

TRT#: 2
DOSE: 2500 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Mineralization
Kidney		Inflammation, Chronic
	Tubule	Regeneration, Nos
Liver		Cytoplasmic Vacuolization
		Hepatocellular Adenoma
Preputial gland		Inflammation, Chronic
Salivary gland		Inflammation, Chronic
Stomach	Forestomach	Inflammation, Chronic
Urinary bladder		Calculus, Gross Observation Only
		Calculus, Microscopic Examination

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:56
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_030

TRT#: 2
DOSE: 2500 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Small	Duodenum	Congestion, Nos
Kidney		Infarct, Nos
		Inflammation, Chronic
Liver		Mixed Hepato/Cholangio Carcinoma
Lung		Alveolar/Bronchiolar Adenoma
		Mixed Hepato/Cholangio Carcinoma, Metastatic
		Sarcoma, Nos, Metastatic
Lymph node	Inguinal Lymph Node	Depletion, Lymphoid
	Mandibular Lymph Node	Depletion, Lymphoid
Pancreas		Inflammation, Chronic
		Sarcoma, Nos, Uncertain Primary Or Meta
Preputial gland		Inflammation, Chronic
Salivary gland		Inflammation, Chronic
Testis		Atrophy, Nos
Thymus		Cyst, Nos
		Depletion, Lymphoid
Unspecified	Abdominal Cavity	Hemoperitoneum
	Mediastinum Nos	Sarcoma, Nos, Uncertain Primary Or Meta
Urinary bladder		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:56
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_031

TRT#: 2
DOSE: 2500 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Tarsal Joint	Ankylosis
	Tarsal Joint	Osteoarthritis
Kidney		Inflammation, Chronic
	Tubule	Regeneration, Nos
Liver		Hemangiosarcoma
Lung		Alveolar/Bronchiolar Adenoma
Penis	Prepuce Nos	Inflammation, Acute Necrotizing
Salivary gland		Inflammation, Chronic
Stomach	Glandular Stomach	Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:56
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_032

TRT#: 2
DOSE: 2500 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Tarsal Joint	Ankylosis
	Tarsal Joint	Osteoarthritis
Brain	Thalamus	Mineralization
Kidney		Inflammation, Chronic
	Tubule	Regeneration, Nos
Liver		Inflammation, Chronic
Pancreas		Inflammation, Chronic
Preputial gland		Inflammation, Active Chronic
Salivary gland		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:56
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_033

TRT#: 2
DOSE: 2500 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Mineralization
Kidney		Inflammation, Chronic
	Tubule	Regeneration, Nos
Liver		Hepatocellular Adenoma
Lymph node	Lumbar Lymph Node	Hyperplasia, Plasma Cell
Salivary gland		Inflammation, Chronic
Unspecified		Abscess, Nos
Urinary bladder		Calculus, Gross Observation Only
		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:56
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_034

TRT#: 2
DOSE: 2500 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Eye	Nasolacrimal Duct	Inflammation, Nos
Kidney	Tubule	Mineralization
	Tubule	Necrosis, Nos
Lung		Alveolar/Bronchiolar Adenoma
Lymph node	Mesenteric Lymph Node	Depletion, Lymphoid
Penis		Inflammation, Acute
Salivary gland		Inflammation, Chronic
Seminal vesicle		Inflammation, Active Chronic
Spleen		Depletion, Lymphoid
Thymus		Depletion, Lymphoid
		Necrosis, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:56
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_035

TRT#: 2
DOSE: 2500 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Mineralization
Gall bladder		Inflammation, Chronic
Kidney		Inflammation, Chronic
	Tubule	Regeneration, Nos
Pancreas		Inflammation, Chronic
Preputial gland		Inflammation, Active Chronic
Salivary gland		Inflammation, Chronic
Stomach	Glandular Stomach	Mineralization

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:56
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_036

TRT#: 2
DOSE: 2500 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Glomerulonephritis, Nos
Liver		Hepatocellular Carcinoma
Spleen		Hematopoiesis
Testis		Mineralization
Thymus		Depletion, Lymphoid
Unspecified	Abdominal Cavity	Hemoperitoneum
	Multiple Organs Nos	Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:56
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_037

TRT#: 2
DOSE: 2500 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Mineralization
Eye	Substantia Propria	Fibrosis
	Substantia Propria	Inflammation, Active Chronic
	Iris	Synechia, Anterior
Harderian gland	Hardarian Gland	Adenoma, Nos
	Hardarian Gland	Inflammation, Chronic Focal
Kidney		Inflammation, Chronic
	Tubule	Mineralization
	Tubule	Regeneration, Nos
Liver		Clear-Cell Change
Pancreas		Inflammation, Chronic
Salivary gland		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:56
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_038

TRT#: 2
DOSE: 2500 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Mineralization
Kidney		Inflammation, Chronic
	Tubule	Mineralization
	Tubule	Regeneration, Nos
Liver		Inflammation, Acute
		Necrosis, Coagulative
Pancreas		Inflammation, Chronic
Salivary gland		Inflammation, Chronic

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:56
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_039

TRT#: 2
DOSE: 2500 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Mineralization
Gall bladder		Inflammation, Chronic
Kidney	Tubule	Mineralization
	Tubule	Regeneration, Nos
Liver	Bile Duct	Hyperplasia, Nos
		Inflammation, Chronic
Lung		Hemorrhage
Salivary gland		Inflammation, Chronic
Spleen		Hyperplasia, Lymphoid

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:56
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_040

TRT#: 2
DOSE: 2500 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Mineralization
Kidney	Tubule	Mineralization
	Tubule	Regeneration, Nos
Liver		Cytoplasmic Vacuolization
		Inflammation, Chronic
Lung		Alveolar/Bronchiolar Adenoma
Pancreas		Inflammation, Chronic
Preputial gland		Dilatation, Ducts
Salivary gland		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:56
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_041

TRT#: 2
DOSE: 2500 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Mineralization
Kidney		Inflammation, Chronic
	Tubule	Mineralization
	Tubule	Regeneration, Nos
Liver		Inflammation, Chronic
Lung		Alveolar/Bronchiolar Adenoma
Pancreas		Inflammation, Chronic
Salivary gland		Inflammation, Chronic
Stomach		Cyst, Nos
Urinary bladder		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:56
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_042

TRT#: 2
DOSE: 2500 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain
Intestine Small
Kidney
Liver

Thalamus
Peyers Patch

Lung

Pancreas
Salivary gland
Stomach

Forestomach

Mineralization
Hyperplasia, Lymphoid
Inflammation, Chronic
Hepatocellular Adenoma
Hepatocellular Carcinoma
Necrosis, Coagulative
Alveolar/Bronchiolar Adenoma
Hepatocellular Carcinoma, Metastatic
Inflammation, Chronic
Inflammation, Chronic
Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:56
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_043

TRT#: 2
DOSE: 2500 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart		Mineralization
Kidney	Tubule	Mineralization Pyelonephritis, Nos
Liver		Hepatocellular Carcinoma
Lung		Hepatocellular Carcinoma, Metastatic
Spleen		Depletion, Lymphoid
Unspecified	Multiple Organs Nos	Mesothelioma, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:56
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_044

TRT#: 2
DOSE: 2500 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic Metaplasia, Osseous
Liver		Inflammation, Chronic
Lung		Hyperplasia, Alveolar Epithelium
Stomach	Glandular Stomach	Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:56
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_045

TRT#: 2
DOSE: 2500 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Mineralization
Heart		Alveolar/Bronchiolar Carcinoma, Metastatic
Lung		Alveolar/Bronchiolar Carcinoma
Pancreas		Hyperplasia, Nos
Prostate		Inflammation, Chronic
Spleen		Depletion, Lymphoid

PRIMARY CAUSE OF DEATH -

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:56
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_046

TRT#: 2
DOSE: 2500 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Lymph node

Tubule
Mesenteric Lymph Node
Mesenteric Lymph Node

Skin
Spleen
Unspecified

Multiple Organs Nos

Mineralization
Depletion, Lymphoid
Inflammation, Granulomatous
Inflammation, Acute
Depletion, Lymphoid
Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:56
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_047

TRT#: 2
DOSE: 2500 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Pelvis	Hemorrhage
	Tubule	Mineralization
Lung		Inflammation, Acute
Lymph node	Mandibular Lymph Node	Depletion, Lymphoid
	Mesenteric Lymph Node	Depletion, Lymphoid
Pancreas	Duct Nos	Hyperplasia, Nos
		Inflammation, Acute
Seminal vesicle		Inflammation, Acute
Skin		Inflammation, Acute
Spleen		Depletion, Lymphoid
Stomach	Forestomach	Necrosis, Nos
Unspecified		Mineralization

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:56
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_048

TRT#: 2
DOSE: 2500 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Tarsal Joint	Ankylosis
	Tarsal Joint	Osteoarthritis
Brain	Thalamus	Mineralization
Kidney	Tubule	Degeneration, Nos
		Glomerulosclerosis, Nos
		Inflammation, Chronic
	Tubule	Regeneration, Nos
Liver		Hepatocellular Carcinoma
Salivary gland		Inflammation, Chronic
Stomach	Glandular Stomach	Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:56
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_049

TRT#: 2
DOSE: 2500 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Tarsal Joint	Ankylosis
	Tarsal Joint	Osteoarthritis
Brain	Thalamus	Mineralization
Kidney		Inflammation, Chronic
	Tubule	Mineralization
Lung		Alveolar/Bronchiolar Carcinoma
		Perivasculitis
Preputial gland		Inflammation, Active Chronic
Salivary gland		Inflammation, Chronic
Skin		Inflammation, Acute Necrotizing
Spleen		Hematopoiesis
Stomach	Omentum Nos	Fibrosis
	Omentum Nos	Necrosis, Nos
Unspecified		Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:56
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_050

TRT#: 2
DOSE: 2500 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain
Kidney
Liver
Lung
Lymph node
Salivary gland
Urinary bladder

Thalamus

Mesenteric Lymph Node

Mineralization
Inflammation, Chronic
Hepatocellular Carcinoma
Hepatocellular Carcinoma, Metastatic
Angiectasis
Inflammation, Chronic
Fibrosis
Hyperplasia, Epithelial
Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:56
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_001

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Mineralization
Kidney		Inflammation, Chronic
	Tubule	Mineralization
	Tubule	Regeneration, Nos
Liver		Inflammation, Acute
Lung		Inflammation, Acute
Pancreas	Islets	Hyperplasia, Nos
		Inflammation, Chronic
Salivary gland		Inflammation, Chronic
Testis		Atrophy, Nos
Thymus		Cyst, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:56
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_002

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Mineralization
Eye	Nasolacrimal Duct	Inflammation, Nos
Harderian gland	Harderian Gland	Adenoma, Nos
Kidney		Inflammation, Chronic
	Tubule	Mineralization
Lung		Inflammation, Chronic
Pancreas		Inflammation, Chronic
Pituitary gland	Intermedia	Adenoma, Nos
Salivary gland		Atrophy, Nos
		Inflammation, Chronic
Skin		Inflammation, Acute
Thymus		Cyst, Nos
		Depletion, Lymphoid

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:56
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_003

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Mineralization
Kidney		Inflammation, Chronic
	Tubule	Mineralization
	Tubule	Regeneration, Nos
Lung		Hyperplasia, Alveolar Epithelium
Nasal cavity		Inflammation, Acute
Pancreas		Inflammation, Chronic
Salivary gland		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:56
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_004

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Mineralization
Eye	Substantia Propria	Fibrosis
	Substantia Propria	Inflammation, Acute Necrotizing
	External Epithelium	Ulcer, Nos
Kidney		Inflammation, Chronic
	Tubule	Mineralization
	Tubule	Regeneration, Nos
Liver		Clear-Cell Change
Lung		Alveolar/Bronchiolar Adenoma
Prostate		Inflammation, Chronic
Salivary gland		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:56
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_005

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Mineralization
Eye	Nasolacrimal Duct	Inflammation, Nos
Kidney		Inflammation, Chronic
	Tubule	Regeneration, Nos
Lung		Alveolar/Bronchiolar Adenoma
Preputial gland		Dilatation, Ducts
Salivary gland		Inflammation, Chronic
Thymus		Cyst, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:56
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_006

TRT#: 3
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver

Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:56
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_007

TRT#: 3
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Tarsal Joint	Ankylosis
	Tarsal Joint	Osteoarthritis
Brain	Thalamus	Mineralization
Kidney		Inflammation, Chronic
Lung		Hemorrhage
		Inflammation, Chronic
Pancreas		Cytoplasmic Change, Nos
		Hyperplasia, Nos
		Inflammation, Chronic
Skin		Inflammation, Acute
Urinary bladder		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:56
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_008

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain
Intestine Small
Kidney

Thalamus
Peyers Patch

Tubule
Tubule

Pancreas
Thymus

Unspecified
Urethra

Mineralization
Hyperplasia, Lymphoid
Inflammation, Chronic
Mineralization
Regeneration, Nos
Inflammation, Chronic
Cyst, Nos
Hemorrhage
Inflammation, Active Chronic
Calculus, Microscopic Examination

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:56
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_009

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Mineralization
Kidney		Inflammation, Chronic
	Tubule	Regeneration, Nos
Liver		Hepatocellular Carcinoma
Nasal cavity		Inflammation, Acute
Preputial gland		Hyperkeratosis
		Inflammation, Active Chronic
Urethra		Calculus, Microscopic Examination

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:56
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_010

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Tarsal Joint	Ankylosis
	Tarsal Joint	Osteoarthritis
Brain	Thalamus	Mineralization
Harderian gland	Harderian Gland	Adenoma, Nos
Kidney		Inflammation, Chronic
Pancreas		Inflammation, Chronic
Prostate		Inflammation, Chronic
Salivary gland		Inflammation, Chronic
Stomach	Glandular Stomach	Hyperplasia, Epithelial
Urinary bladder		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:56
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_011

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Mineralization
Kidney		Inflammation, Chronic
	Tubule	Regeneration, Nos
Salivary gland		Inflammation, Chronic
Stomach	Glandular Stomach	Hyperplasia, Epithelial
Thymus		Cyst, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:56
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_012

TRT#: 3
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Blood vessel	Sup.Panc-Duod.Artery	Inflammation, Chronic
	Mesenteric Artery Nos	Thrombus, Organized
Brain	Thalamus	Mineralization
Kidney		Inflammation, Chronic
	Tubule	Mineralization
Liver		Inflammation, Chronic
Pancreas		Atrophy, Nos
		Inflammation, Chronic
Spleen		Depletion, Lymphoid
Unspecified	Multiple Organs Nos	Hemangiosarcoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:56
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_013

TRT#: 3
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic Mineralization
Lung	Tubule	Inflammation, Chronic Perivasculitis
Pancreas		Inflammation, Chronic
Prostate		Inflammation, Chronic
Salivary gland		Inflammation, Chronic
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:56
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_014

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Mineralization
Kidney		Inflammation, Chronic
	Tubule	Mineralization
	Tubule	Regeneration, Nos
Liver		Cytoplasmic Vacuolization
		Hyperplasia, Lymphoid
Lung		Alveolar/Bronchiolar Adenoma
Lymph node	Pancreatic Lymph Node	Hyperplasia, Lymphoid
Salivary gland		Inflammation, Chronic
Spleen		Hyperplasia, Lymphoid

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:56
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_015

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Mineralization
Kidney		Inflammation, Chronic
	Tubule	Regeneration, Nos
Lung		Inflammation, Chronic
Pancreas		Inflammation, Chronic
Salivary gland		Inflammation, Chronic

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:56
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_016

TRT#: 3
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Mineralization
Kidney		Inflammation, Chronic
	Tubule	Mineralization
Lung		Congestion, Nos
Lymph node	Mandibular Lymph Node	Depletion, Lymphoid
Penis		Inflammation, Acute
Spleen		Depletion, Lymphoid
Thymus		Depletion, Lymphoid
		Necrosis, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:56
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_017

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Brain	Thalamus	Mineralization
Intestine Small	Jejunum	Adenocarcinoma, Nos
	Peyers Patch	Lymphoma, Undifferentiated-Malignant Type
	Jejunum	Necrosis, Coagulative
	Jejunum	Ulcer, Acute
Kidney		Inflammation, Chronic
		Metaplasia, Osseous
Liver		Hepatocellular Adenoma
		Hepatocellular Carcinoma
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid
	Mesenteric Lymph Node	Thrombus, Organized
Pancreas		Inflammation, Chronic
Pituitary gland	Anterior Pituitary	Cyst, Nos
Salivary gland		Inflammation, Chronic
Urethra		Calculus, Microscopic Examination
Urinary bladder		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:56
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_018

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Tarsal Joint	Ankylosis
	Tarsal Joint	Osteoarthritis
Brain	Thalamus	Mineralization
Kidney		Inflammation, Chronic
Lung		Alveolar/Bronchiolar Adenoma
		Hemorrhage
Lymph node	Pancreatic Lymph Node	Angiectasis
Pancreas		Dilatation, Ducts
		Inflammation, Chronic
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Salivary gland		Inflammation, Chronic
Thymus		Cyst, Nos
Thyroid		Cyst, Follicular Nos
Unspecified	Multiple Organs Nos	Lymphoma, Undifferentiated-Malignant Type

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:56
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_019

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Glomerulosclerosis, Nos Inflammation, Chronic Nephrosis, Hydro Regeneration, Nos
	Tubule	Pigmentation, Nos
Lymph node	Inguinal Lymph Node	Inflammation, Chronic
Pancreas		Inflammation, Chronic
Prostate		Inflammation, Chronic
Salivary gland		Cyst, Nos
Thymus		Calculus, Microscopic Examination
Urethra		Calculus, Gross Observation Only
Urinary bladder		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:56
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_020

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Mineralization
Kidney		Inflammation, Chronic
		Metaplasia, Osseous
	Tubule	Mineralization
Salivary gland		Inflammation, Chronic
Spleen		Hemangioma
Stomach	Glandular Stomach	Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:56
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_021

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Mineralization
Kidney		Inflammation, Chronic
	Tubule	Mineralization
	Tubule	Regeneration, Nos
Liver		Hepatocellular Adenoma
Lung		Alveolar/Bronchiolar Adenoma
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Pancreas		Inflammation, Chronic
Salivary gland		Inflammation, Chronic
Spleen		Hyperplasia, Lymphoid
Stomach	Forestomach	Hyperplasia, Epithelial
	Glandular Stomach	Inflammation, Chronic
Thymus		Cyst, Nos
Urinary bladder		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:56
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_022

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney

Glomerulonephritis, Nos
Inflammation, Chronic
Mineralization

Tubule

Regeneration, Nos

Tubule

Inflammation, Chronic

Pancreas

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:56
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_023

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Mineralization
Kidney		Inflammation, Chronic
	Tubule	Mineralization
	Tubule	Regeneration, Nos
Pancreas		Hyperplasia, Nos
Salivary gland		Inflammation, Chronic
Stomach	Glandular Stomach	Inflammation, Chronic
	Forestomach	Squamous Cell Papilloma
Thyroid		C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:56
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_024

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain
Intestine Small
Kidney

Thalamus
Peyers Patch

Tubule

Liver
Oral mucosa

Palate
Palate

Pancreas

Islets

Salivary gland
Thymus
Urethra
Urinary bladder

Mineralization
Hyperplasia, Lymphoid
Inflammation, Chronic
Regeneration, Nos
Cytoplasmic Vacuolization
Granuloma, Foreign Body
Inflammation, Acute
Hyperplasia, Nos
Inflammation, Chronic
Inflammation, Chronic
Cyst, Nos
Calculus, Microscopic Examination
Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:56
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_025

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Tubule	Inflammation, Chronic Mineralization
Liver	Tubule	Regeneration, Nos Angiectasis Necrosis, Coagulative
Pancreas		Cytoplasmic Change, Nos Hyperplasia, Nos Inflammation, Chronic
Salivary gland		Inflammation, Chronic
Urinary bladder		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:56
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_026

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain
Intestine Small
Kidney

Thalamus
Peyers Patch

Tubule
Tubule
Mesenteric Lymph Node

Lymph node
Pancreas
Salivary gland
Stomach
Thymus
Tooth
Urethra

Glandular Stomach

Mineralization
Hyperplasia, Lymphoid
Inflammation, Chronic
Metaplasia, Osseous
Mineralization
Regeneration, Nos
Angiectasis
Inflammation, Chronic
Inflammation, Chronic
Inflammation, Chronic
Cyst, Nos
Inflammation, Chronic
Calculus, Microscopic Examination

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:56
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_027

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain
Intestine Small
Kidney

Thalamus
Peyers Patch

Tubule
Tubule

Pancreas
Pituitary gland
Preputial gland

Anterior Pituitary

Salivary gland
Tooth

Mineralization
Hyperplasia, Lymphoid
Inflammation, Chronic
Mineralization
Regeneration, Nos
Inflammation, Chronic
Hyperplasia, Nos
Dilatation, Ducts
Hyperkeratosis
Inflammation, Active Chronic
Inflammation, Chronic
Abscess, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:56
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_028

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Mineralization
Kidney		Inflammation, Chronic
Salivary gland		Inflammation, Chronic
Thymus		Depletion, Lymphoid
Urethra		Calculus, Microscopic Examination

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:56
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_029

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Tubule	Atrophy, Nos Glomerulonephritis, Nos Pyelonephritis, Nos
Liver		Hematopoiesis
Lung		Alveolar/Bronchiolar Adenoma Hemorrhage
Lymph node	Mesenteric Lymph Node	Angiectasis
	Mesenteric Lymph Node	Inflammation, Acute
Pancreas	Islets	Hyperplasia, Nos Inflammation, Chronic
Salivary gland		Inflammation, Chronic
Skin		Inflammation, Acute Necrotizing
Spleen		Hematopoiesis
Thyroid		Cyst, Follicular Nos
Unspecified		Fibrosarcoma
Urethra		Calculus, Microscopic Examination

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:56
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_030

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Mineralization
Kidney		Inflammation, Chronic
	Tubule	Regeneration, Nos
Liver		Clear-Cell Change
		Necrosis, Coagulative
Pancreas	Islets	Hyperplasia, Nos
Seminal vesicle		Distention

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:56
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_031

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain
Harderian gland
Kidney

Thalamus
Hardarian Gland

Tubule

Liver
Pancreas
Urethra
Urinary bladder

Mineralization
Hyperplasia, Nos
Inflammation, Chronic
Mineralization
Hepatocellular Adenoma
Inflammation, Chronic
Calculus, Microscopic Examination
Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:56
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_032

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Mineralization
Kidney		Inflammation, Chronic
	Tubule	Regeneration, Nos
Liver		Inflammation, Chronic
Lung		Alveolar/Bronchiolar Adenoma
Lymph node	Mesenteric Lymph Node	Angiectasis
Stomach	Glandular Stomach	Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:56
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_033

TRT#: 3
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Tubule	Atrophy, Nos Glomerulonephritis, Nos Inflammation, Chronic
Liver		Hepatocellular Carcinoma
Lung		Hepatocellular Carcinoma, Metastatic
Spleen		Depletion, Lymphoid
Testis		Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:56
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_034

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Tarsal Joint	Ankylosis
	Tarsal Joint	Osteoarthritis
Kidney		Inflammation, Chronic
	Tubule	Regeneration, Nos
Lung		Hyperplasia, Alveolar Epithelium
Lymph node	Mesenteric Lymph Node	Angiectasis
Pancreas		Inflammation, Chronic
Prostate		Inflammation, Chronic
Salivary gland		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:56
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_035

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
	Tubule	Regeneration, Nos
Lung		Hemorrhage
Lymph node	Mesenteric Lymph Node	Angiectasis
Pancreas		Inflammation, Chronic
Pituitary gland	Anterior Pituitary	Cyst, Nos
Skin		Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:56
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_036

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic Nephrosis, Hydro
Pancreas		Atrophy, Nos Hyperplasia, Nos
Pituitary gland	Duct Nos	Cyst, Nos
Unspecified	Anterior Pituitary Multiple Organs Nos	Inflammation, Granulomatous

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:56
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_037

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Mineralization
Kidney		Inflammation, Chronic
	Tubule	Mineralization
Liver		Hepatocellular Adenoma
		Inflammation, Chronic
		Necrosis, Coagulative
Lymph node	Mesenteric Lymph Node	Angiectasis
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Salivary gland		Inflammation, Chronic
Spleen		Depletion, Lymphoid
Stomach	Glandular Stomach	Inflammation, Chronic
Thyroid		Hyperplasia, Follicular Cell
Urethra		Calculus, Microscopic Examination

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:56
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_038

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Tarsal Joint	Ankylosis
	Tarsal Joint	Osteoarthritis
Heart		Degeneration, Nos
Kidney		Inflammation, Chronic
	Tubule	Mineralization
	Tubule	Regeneration, Nos
Liver		Hemangioma
		Hepatocellular Adenoma
Pancreas		Atrophy, Nos
Prostate	Periprostatic Tissue	Inflammation, Chronic
Salivary gland		Inflammation, Chronic
Spleen		Hemangioma
Stomach	Omentum Nos	Fibrosis
	Omentum Nos	Inflammation, Active Chronic
	Omentum Nos	Mineralization
	Forestomach	Squamous Cell Papilloma
Urethra		Calculus, Microscopic Examination

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:56
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_039

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain
Harderian gland
Kidney

Thalamus
Harderian Gland
Tubule

Tubule

Liver
Lung
Lymph node
Pancreas
Salivary gland
Spleen
Urinary bladder

Mesenteric Lymph Node

Mineralization
Hyperplasia, Nos
Hyperplasia, Epithelial
Inflammation, Chronic
Regeneration, Nos
Hepatocellular Adenoma
Alveolar/Bronchiolar Adenoma
Angiectasis
Cytoplasmic Change, Nos
Inflammation, Chronic
Hyperplasia, Lymphoid
Calculus, Gross Observation Only
Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:56
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_040

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Blood vessel	Pulmonary Artery Nos	Hyperplasia, Nos
Brain	Thalamus	Mineralization
Intestine Small	Peyers Patch	Hyperplasia, Lymphoid
Kidney		Inflammation, Chronic
	Tubule	Mineralization
Liver		Hepatocellular Adenoma
Lung		Hemorrhage
Lymph node	Mesenteric Lymph Node	Inflammation, Active Chronic
Pancreas		Inflammation, Chronic
Salivary gland		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:56
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_041

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Brain
Intestine Small
Kidney

Lung
Preputial gland
Salivary gland
Unspecified
Urethra

Cortex Nos
Thalamus
Peyers Patch

Tubule

Hyperplasia, Nos
Mineralization
Hyperplasia, Lymphoid
Inflammation, Chronic
Regeneration, Nos
Alveolar/Bronchiolar Adenoma
Dilatation, Ducts
Inflammation, Chronic
Fibroma
Calculus, Microscopic Examination

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:56
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_042

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Mineralization
Eye	Nasolacrimal Duct	Inflammation, Nos
Intestine Small	Peyers Patch	Hyperplasia, Lymphoid
Kidney	Tubule	Regeneration, Nos
Liver		Hepatocellular Adenoma
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Pancreas		Inflammation, Chronic
Urinary bladder		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:56
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_043

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Mineralization
Kidney		Inflammation, Chronic
	Tubule	Mineralization
Lung		Hyperplasia, Alveolar Epithelium
Pancreas	Islets	Hyperplasia, Nos
		Inflammation, Chronic
Salivary gland		Inflammation, Chronic

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:56
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_044

TRT#: 3
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Mineralization
Kidney		Inflammation, Chronic
	Tubule	Mineralization
	Tubule	Regeneration, Nos
Liver		Hemangioma
		Rupture
		Thrombosis, Nos
Lung		Alveolar/Bronchiolar Adenoma
Lymph node	Mesenteric Lymph Node	Angiectasis
Pancreas		Inflammation, Chronic
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Salivary gland		Inflammation, Chronic
Spleen		Hematopoiesis
Unspecified	Abdominal Cavity	Hemoperitoneum
Urethra		Calculus, Gross Observation Only

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:56
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_045

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Mineralization
Kidney		Inflammation, Chronic
	Tubule	Mineralization
	Tubule	Regeneration, Nos
Liver		Hepatocellular Adenoma
Pancreas	Islets	Hyperplasia, Nos
		Inflammation, Chronic
Salivary gland		Inflammation, Chronic
Seminal vesicle		Distention
Unspecified		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:56
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_046

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain
Intestine Small
Kidney

Thalamus
Peyers Patch

Mineralization
Hyperplasia, Nos
Glomerulonephritis, Nos
Inflammation, Chronic
Regeneration, Nos
Hepatocellular Adenoma
Hepatocellular Carcinoma
Lymphoma, Undifferentiated-Malignant Type
Hyperplasia, Nos
Inflammation, Chronic
Inflammation, Chronic
Hematopoiesis
Inflammation, Chronic
Depletion, Lymphoid
Calculus, Microscopic Examination

Liver

Tubule

Lymph node
Pancreas

Renal Lymph Node
Islets

Salivary gland
Spleen
Stomach
Thymus
Urethra

Glandular Stomach

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:56
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_047

TRT#: 3
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Mineralization
Heart		Degeneration, Nos
		Inflammation, Chronic
Kidney		Glomerulonephritis, Nos
		Inflammation, Chronic
Liver		Hepatocellular Carcinoma
Lung		Hepatocellular Carcinoma, Metastatic
Lymph node	Mesenteric Lymph Node	Hemorrhage
Mammary gland		Dilatation, Ducts
Pancreas		Inflammation, Chronic
Salivary gland		Inflammation, Chronic
Testis		Atrophy, Nos
Urinary bladder		Inflammation, Chronic

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:56
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_048

TRT#: 3
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain
Harderian gland
Kidney

Thalamus
Harderian Gland

Tubule

Liver
Lymph node
Salivary gland
Spleen
Stomach
Unspecified

Mesenteric Lymph Node

Abdominal Cavity

Mineralization
Adenoma, Nos
Inflammation, Chronic
Regeneration, Nos
Hepatocellular Adenoma
Angiectasis
Inflammation, Chronic
Depletion, Lymphoid
Cyst, Nos
Hemoperitoneum

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:56
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_049

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Mineralization
Kidney		Inflammation, Chronic
	Tubule	Mineralization
	Tubule	Regeneration, Nos
Liver		Hemangiosarcoma
Nasal cavity	Nasal Gland	Inflammation, Acute
Salivary gland		Inflammation, Chronic
Urinary bladder		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56417
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Boric acid
CAS Number: 10043-35-3

Date Report Requested: 10/26/2014
Time Report Requested: 11:32:56
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_050

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Mineralization
Kidney		Inflammation, Chronic
	Tubule	Regeneration, Nos
Lung		Alveolar/Bronchiolar Carcinoma
Lymph node	Mesenteric Lymph Node	Angiectasis
Pituitary gland	Posterior Lobe	Cyst, Nos
Salivary gland		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****