

Experiment Number: 05197-12
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:23:32
First Dose M/F: NA / NA
Lab: BNW

C Number: C62077D
Lock Date: 11/08/1996
Cage Range: All
Date Range: All
Reasons For Removal: All
Removal Date Range: All
Treatment Groups: All
Study Gender: Both
PWG Approval Date: 01/30/1998

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 1

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 34419

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Mild
* Brain	Inflammation	Chronic, Moderate
* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 1-4]		
* Testes	Atrophy	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 2

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 34420

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Moderate
		Hyperplasia	Moderate
		Hypertrophy	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Mild
* Lung		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLS = 2-3]		
* Spleen		Hyperplasia	Lymphoid, Mild
	[Hyperplasia TGLS = 1-4]		
* Stomach, Forestomach		Cyst	Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 3	TRT#: 1 DOSE: CONTROL	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 34421
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic	* Larynx
* Lymph Node, Mediastinal	* Nose	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Epididymis		Inflammation	Minimal
* Heart		Cardiomyopathy	Mild
* Intestine Small, Ileum	Peyers Patch	Hyperplasia	Mild
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Moderate
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
		Inflammation	Minimal
		Karyomegaly	Minimal
		Necrosis	Minimal
	[Hepatocellular Adenoma TGLS = 2,3-10+11]		
* Lung	Alveolar Epith	Hyperplasia	Marked
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Moderate
	[Hyperplasia TGLS = 4-6]		
* Pancreas		Atrophy	Minimal
* Spleen		Hyperplasia	Lymphoid, Marked
	[Hyperplasia TGLS = 1-4]		
* Thyroid Gland	Follicular Cel	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:23:32
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 3	TRT#: 1	SEX: Male	DAY ON TEST: 731
	DOSE: CONTROL	DISP: Terminal Sacrifice	HISTO: 34421

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 4

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 34422

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy Inflammation	Mild Minimal Granulomatous, Marked
Ear			
[Inflammation TGLS = 1-11]			
* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Mineralization Nephropathy Hepatocellular Adenoma	Minimal Mild
* Liver			
[Hepatocellular Adenoma TGLS = 3-4]			
* Lung		Alveolar/Bronchiolar Carcinoma Hemorrhage	Minimal
[Alveolar/Bronchiolar Carcinoma TGLS = 2-10]			
* Nose	Olfactory Epi	Atrophy	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 5	TRT#: 1 DOSE: CONTROL	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 34423
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Pancreas
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Adenoma Degeneration Hypertrophy	Cystic, Mild Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Mineralization Nephropathy	Minimal Mild
* Liver		Eosinophilic Focus Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 1-10]		
* Lymph Node, Mesenteric		Hyperplasia	Mild
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 6	TRT#: 1 DOSE: CONTROL	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 34424
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Nose	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Adrenal Medulla	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Mild
Harderian Gland	Adenoma	
[Adenoma TGLS = 1-10]		
* Heart	Cardiomyopathy	Minimal
* Kidney	Mineralization	Minimal
	Nephropathy	Mild
* Liver	Hepatocellular Carcinoma	
	Inflammation	Mild
[Hepatocellular Carcinoma TGLS = 2-4+11]		
* Lung	Hepatocellular Carcinoma	Metastatic (Liver)
	Infiltration Cellular	Histiocyte, Mild
[Hepatocellular Carcinoma TGLS = 3-3]		
* Pancreas	Atrophy	Minimal
	Cytoplasmic Alteration	Minimal
* Spleen	Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7	TRT#: 1 DOSE: CONTROL	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 34425
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Glomerulosclerosis	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
		[Hepatocellular Adenoma TGLS = 4-4]	
		[Hepatocellular Carcinoma TGLS = 2,3-4+10]	
* Lung		Alveolar/Bronchiolar Adenoma	
		[Alveolar/Bronchiolar Adenoma TGLS = 4-4]	
Mesentery	Fat	Necrosis	Moderate
		[Necrosis TGLS = 1-11]	

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8	TRT#: 1 DOSE: CONTROL	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 34426
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Nose	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Prostate
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OBSERVATIONS

* Heart	Cardiomyopathy	Mild
* Kidney	Nephropathy	Minimal
* Liver	Eosinophilic Focus	
	Hepatocellular Adenoma	
[Eosinophilic Focus TGLS = 2-4+10]		
[Hepatocellular Adenoma TGLS = 2-4]		
* Pancreas	Atrophy	Minimal
* Seminal Vesicle	Inflammation	Marked
* Spleen	Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 1-4]		
* Stomach, Glandular	Adenoma	
[Adenoma TGLS = 3-11]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 34427

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Gallbladder	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Renal Tubule	Hyperplasia	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		[Eosinophilic Focus TGLS = 1-4]	
		[Hepatocellular Adenoma TGLS = 1-4]	
* Lung		Hemorrhage	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 10

TRT#: 1

SEX: Male

DAY ON TEST: 618

DOSE: CONTROL

DISP: Moribund Sacrifice

HISTO: 34428

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Intestine Small, Ileum	* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Heart	Cardiomyopathy	Minimal
* Kidney	Glomerulosclerosis	Minimal
	Nephropathy	Mild
* Liver	Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1-10]		
* Lung	Hepatocellular Carcinoma	Metastatic (Liver)
* Preputial Gland	Inflammation	Minimal
* Spleen	Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 11

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 34429

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Pituitary Gland	Pleura	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
		Hypertrophy	Minimal
* Brain	Meninges	Infiltration Cellular	Mononuclear CI, Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	

[Hepatocellular Adenoma TGLS = 1-4]

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 12

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 34430

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial
* Lymph Node, Mediastinal	* Pancreas	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 2-3]			
* Lymph Node, Mesenteric		Hyperplasia	Mild
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Skin	Prepuce	Inflammation	Chronic Active, Moderate
[Inflammation TGLS = 1-7]			
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 3-10]			

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 13

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 34431

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Intestine Small, Duodenum [Hyperplasia TGLS = 2-11]	Peyers Patch	Hyperplasia	Marked
* Kidney		Nephropathy	Mild
Mesentery [Necrosis TGLS = 1-10]	Fat	Necrosis	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 14

TRT#: 1

SEX: Male

DAY ON TEST: 459

DOSE: CONTROL

DISP: Moribund Sacrifice

HISTO: 34432

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Gallbladder	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Brain		Necrosis	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocholangiocarcinoma	
	[Eosinophilic Focus TGLS = 3-12]		
	[Hepatocholangiocarcinoma TGLS = 4-13]		
* Lung	Mediastinum	Hepatocholangiocarcinoma	Metastatic (Liver)
		Hepatocholangiocarcinoma	Metastatic (Liver)
	[Hepatocholangiocarcinoma TGLS = 1-3+10]		
	[Hepatocholangiocarcinoma TGLS = 2-2+11]		
* Lymph Node, Bronchial		Hepatocholangiocarcinoma	Metastatic (Liver)
* Lymph Node, Mediastinal		Hepatocholangiocarcinoma	Metastatic (Liver)
	[Hepatocholangiocarcinoma TGLS = 5-2]		
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Ulcer	Minimal

PRIMARY CAUSE OF DEATH - Liver Hepatocholangiocarcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 15

TRT#: 1

SEX: Male

DAY ON TEST: 667

DOSE: CONTROL

DISP: Moribund Sacrifice

HISTO: 34433

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Bronchial	* Mammary Gland	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Moderate
* Heart		Cardiomyopathy	Mild
	Atrium	Thrombosis	Moderate
	[Thrombosis TGLS = 1-4]		
* Kidney		Nephropathy	Moderate
* Liver		Hepatocellular Carcinoma	Multiple
	[Hepatocellular Carcinoma TGLS = 2,3-10+11]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
		Infiltration Cellular	Histiocyte, Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
* Testes		Atrophy	Mild

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 16

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 34434

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	Spinal Cord	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Oval Cell	Hyperplasia	Mild
		Inflammation	Mild
		Karyomegaly	Moderate
* Lung		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLS = 1-3]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 17

TRT#: 1

SEX: Male

DAY ON TEST: 669

DOSE: CONTROL

DISP: Moribund Sacrifice

HISTO: 34435

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Larynx	* Lung	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Gallbladder	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Mammary Gland
* Preputial Gland	* Thymus		

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Adenoma	
		Inflammation	Mild
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Inflammation	Minimal
		Necrosis	Minimal
* Nose		Inflammation	Suppurative, Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Testes		Atrophy	Mild

PRIMARY CAUSE OF DEATH

- Nose Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 18

TRT#: 1

SEX: Male

DAY ON TEST: 561

DOSE: CONTROL

DISP: Natural Death

HISTO: 34436

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Gallbladder	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Minimal
* Heart	Cardiomyopathy	Mild
* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Glomerulosclerosis	Minimal
	Nephropathy	Mild
* Liver	Hepatocellular Carcinoma	Multiple
[Hepatocellular Carcinoma TGLS = 2,3-4+10+11]		
* Lung	Hepatocellular Carcinoma	Metastatic (Liver)
* Spleen	Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 19

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 34437

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Epididymis		Inflammation	Moderate
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 3,4-11+12]			
* Lung	Alveolar Epith	Hyperplasia	Mild
* Nose	Olfactory Epi	Atrophy	Minimal
* Skin	Subcut Tiss	Hemangiosarcoma	
[Hemangiosarcoma TGLS = 1-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:23:32
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 20	TRT#: 1 DOSE: CONTROL	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 34438
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Mammary Gland	* Pituitary Gland
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OBSERVATIONS

* Adrenal Cortex	Hyperplasia	Mild
	Hypertrophy	Mild
* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-4+10]		
* Stomach, Glandular	Inflammation	Suppurative, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 21

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 34439

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose
* Parathyroid Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 2-4]			
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
	Alveolar Epith	Hyperplasia	Mild
[Alveolar/Bronchiolar Adenoma TGLS = 1,3-3+10]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 22

TRT#: 1

SEX: Male

DAY ON TEST: 565

DOSE: CONTROL

DISP: Moribund Sacrifice

HISTO: 34440

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Medulla	Hyperplasia	Marked
* Heart	Cardiomyopathy	Mild
* Kidney	Glomerulosclerosis	Mild
	Hydronephrosis	Mild
	Nephropathy	Moderate
[Hydronephrosis TGLS = 2,5-5]		
* Liver	Hepatocellular Carcinoma	Multiple
[Hepatocellular Carcinoma TGLS = 3,4-4+10]		
* Lung	Hepatocellular Carcinoma	Metastatic (Liver)
* Spleen	Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 23

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 34441

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Bronchial	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
[Eosinophilic Focus TGLS = 1-4]			
[Hepatocellular Adenoma TGLS = 1-4+10]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 1-4]			
* Pituitary Gland	Pars Distalis	Cyst	Marked
* Spleen		Hyperplasia	Lymphoid, Mild
* Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 24

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 34442

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Minimal
* Heart	Cardiomyopathy	Minimal
* Islets, Pancreatic	Adenoma	
* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Adenoma	
	Hepatocellular Carcinoma	
[Hepatocellular Adenoma TGLS = 3-4]		
[Hepatocellular Carcinoma TGLS = 2-10]		
* Lung	Alveolar/Bronchiolar Adenoma	
	Infiltration Cellular	Histiocyte, Mild
[Alveolar/Bronchiolar Adenoma TGLS = 1-3]		
* Spleen	Hematopoietic Cell Proliferation	Mild
* Testes	Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 25

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 34443

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Gallbladder	* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 3,4-4+10]			
* Lung	Alveolar Epith	Alveolar/Bronchiolar Carcinoma	
		Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Mild
[Alveolar/Bronchiolar Carcinoma TGLS = 2-3]			
[Hyperplasia TGLS = 1-11]			
* Spleen		Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 26

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 34444

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	Eye	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Liver	* Lung	* Lymph Node, Mesenteric	* Nose
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Mammary Gland
* Parathyroid Gland			

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Mild
Harderian Gland	Adenoma	
[Adenoma TGLS = 1-10]		
* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Minimal
* Pancreas	Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 27

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 34445

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Liver	* Lung
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Mammary Gland
* Parathyroid Gland			

OBSERVATIONS

* Adrenal Cortex [Adenoma TGLS = 1-2]	Capsule	Adenoma	
* Bone		Fibrous Osteodystrophy	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 28

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 34446

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
	[Clear Cell Focus TGLS = 1-4]		
	[Eosinophilic Focus TGLS = 1-4]		
	[Hepatocellular Adenoma TGLS = 1-4+10]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 1-4]		
* Lymph Node, Mesenteric		Hyperplasia	Mild
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 29

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 34447

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-10]			
* Lung		Hemorrhage	Minimal
	Alveolar Epith	Hyperplasia	Mild
* Pancreas		Atrophy	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 30

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 34448

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Mesenteric	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney	Cortex	Cyst	Mild
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		[Eosinophilic Focus TGLS = 2-10]	
		[Hepatocellular Adenoma TGLS = 2-10]	
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Pancreas		Atrophy	Minimal
* Spleen		Hyperplasia	Lymphoid, Mild
		[Hyperplasia TGLS = 1-4]	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:23:32
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 31	TRT#: 1	SEX: Male	DAY ON TEST: 729
	DOSE: CONTROL	DISP: Terminal Sacrifice	HISTO: 34449

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Minimal
* Heart	Cardiomyopathy	Mild
* Kidney	Nephropathy	Minimal
* Stomach, Glandular	Mineralization	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:23:32
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 32

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 34450

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Larynx	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Marked
* Kidney	Cortex	Cyst	Mild
		Nephropathy	Minimal
[Cyst TGLS = 3-5]			
* Liver		Hepatocellular Adenoma	
		Inflammation	Mild
		Necrosis	Mild
[Hepatocellular Adenoma TGLS = 2-4]			
* Lymph Node, Bronchial		Hyperplasia	Mild
* Skin	Prepuce	Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 1-10]			
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 33

TRT#: 1

SEX: Male

DAY ON TEST: 642

DOSE: CONTROL

DISP: Moribund Sacrifice

HISTO: 34451

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mediastinal	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 4-10]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 4-10]			
Lymph Node		Schwannoma Malignant	Metastatic (Spinal Cord)
[Schwannoma Malignant TGLS = 2-11]			
* Lymph Node, Mesenteric		Angiectasis	Mild
* Nose	Olfactory Epi	Atrophy	Moderate
* Pancreas		Atrophy	Minimal
* Preputial Gland		Ectasia	Mild
[Ectasia TGLS = 1-7]			
Spinal Cord		Schwannoma Malignant	
[Schwannoma Malignant TGLS = 3-12+13]			
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 34

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 34452

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Nose	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Heart		Cardiomyopathy	Minimal
	Artery	Inflammation	Mild
* Kidney		Nephropathy	Mild
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 1-10]			
* Pancreas		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 35

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 34453

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Bronchial	* Pancreas	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 1-10]			
* Lymph Node, Mesenteric		Amyloid Deposition	Minimal
		Hyperplasia	Mild
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
		Inflammation	Suppurative, Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 36

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 34454

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Liver	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Moderate
* Heart	Cardiomyopathy	Minimal
* Intestine Small, Ileum	Inflammation	Mild
* Kidney	Nephropathy	Minimal
* Lung	Alveolar/Bronchiolar Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 37

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 34455

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lung	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 1-10]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 38

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 34456

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Larynx	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Bronchial	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Epididymis		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Renal Tubule	Hyperplasia	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-10]			
* Lung		Hemorrhage	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 39

TRT#: 1

SEX: Male

DAY ON TEST: 663

DOSE: CONTROL

DISP: Natural Death

HISTO: 34457

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Thymus
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Ileum
* Intestine Small, Jejunum			

OBSERVATIONS

* Adrenal Cortex	Hematopoietic Cell Proliferation	Minimal
* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Carcinoma	Multiple
	Necrosis	Moderate
[Hepatocellular Carcinoma TGLS = 2,3-10+11]		
* Lung	Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 1-3]		
* Spleen	Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 40

TRT#: 1

SEX: Male

DAY ON TEST: 621

DOSE: CONTROL

DISP: Moribund Sacrifice

HISTO: 34458

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Nose	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Lymphoma Malignant	
* Liver		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Carcinoma	
		Lymphoma Malignant	
		[Hepatocellular Carcinoma TGLS = 5-10]	
		[Lymphoma Malignant TGLS = 5,6-10+11]	
* Lung		Lymphoma Malignant	
Lymph Node	Iliac	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
		Lymphoma Malignant	
		[Lymphoma Malignant TGLS = 9-15]	
		[Lymphoma Malignant TGLS = 2-14]	
		[Lymphoma Malignant TGLS = 8-12]	
* Lymph Node, Bronchial		Lymphoma Malignant	
		[Lymphoma Malignant TGLS = 1-7]	
* Lymph Node, Mandibular		Lymphoma Malignant	
		[Lymphoma Malignant TGLS = 1-7]	
* Lymph Node, Mediastinal		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 40	TRT#: 1 DOSE: CONTROL	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 621 HISTO: 34458
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ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 3-2]	
* Lymph Node, Mesenteric	Lymphoma Malignant
[Lymphoma Malignant TGLS = 7-13]	
* Pancreas	Lymphoma Malignant
[Lymphoma Malignant TGLS = 8-12]	
* Spleen	Lymphoma Malignant
[Lymphoma Malignant TGLS = 4-4]	

PRIMARY CAUSE OF DEATH	- Lymph Node, Mesenteric Lymphoma Malignant
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 41

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 34459

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lymph Node, Mandibular	* Nose	* Pancreas	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mediastinal	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney	Cortex	Cyst	Minimal
		Nephropathy	Minimal
* Liver		Necrosis	Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Moderate
	[Alveolar/Bronchiolar Carcinoma TGLS = 1-3]		
* Lymph Node, Bronchial		Hyperplasia	Mild
* Lymph Node, Mesenteric		Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 42

TRT#: 1

SEX: Male

DAY ON TEST: 374

DOSE: CONTROL

DISP: Natural Death

HISTO: 34460

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Gallbladder	* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1-10]		
* Lung	Hepatocellular Carcinoma	Metastatic (Liver)

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 43

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 34461

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Larynx	* Liver	* Lung
* Nose	* Pancreas	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Mammary Gland
* Parathyroid Gland			

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Minimal
* Heart	Cardiomyopathy	Minimal
* Islets, Pancreatic	Hyperplasia	Marked
* Kidney	Nephropathy	Minimal
* Lymph Node, Mesenteric	Angiectasis	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 44

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 34462

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Mammary Gland	* Parathyroid Gland
* Thymus			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
Harderian Gland		Adenoma	
[Adenoma TGLS = 1-10]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Degeneration	Fatty, Mild
* Nose	Olfactory Epi	Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 45

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 34463

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Minimal
* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-4]		
* Lung	Alveolar/Bronchiolar Adenoma	Multiple
[Alveolar/Bronchiolar Adenoma TGLS = 1-3]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 46	TRT#: 1 DOSE: CONTROL	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 34464
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 47

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 34465

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Larynx	* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Epididymis		Inflammation	Minimal
* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Mild
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 1,2-4+10]		
* Pancreas		Atrophy	Minimal
* Testes		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 48

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 34466

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Inflammation	Moderate
		Necrosis	Marked
[Hepatocellular Adenoma TGLS = 2,3-10+11]			
[Necrosis TGLS = 3-11]			
* Lymph Node, Mesenteric		Hyperplasia	Mild
* Skin	Prepuce	Inflammation	Chronic Active, Marked
[Inflammation TGLS = 1-12]			
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 49

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 34467

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Gallbladder	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2,3-4+10]			
* Lung	Alveolar Epith	Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Mild
		Inflammation	Chronic, Mild
		Pigmentation	Hemosiderin, Minimal
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 1-11]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 50

TRT#: 1

SEX: Male

DAY ON TEST: 556

DOSE: CONTROL

DISP: Natural Death

HISTO: 34468

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Islets, Pancreatic
* Larynx	* Liver	* Lymph Node, Bronchial	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	Skeletal Muscle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Thymus
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AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Kidney	Renal Tubule	Mineralization	Minimal
	Renal Tubule	Necrosis	Minimal
		Nephropathy	Minimal
* Lung		Hemorrhage	Minimal

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:23:32
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 201

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 62.5 PPM

DISP: Terminal Sacrifice

HISTO: 34719

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Liver	* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 202

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 62.5 PPM

DISP: Terminal Sacrifice

HISTO: 34720

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Medulla | * Bone Marrow | * Brain | * Epididymis |
| * Esophagus | * Gallbladder | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Larynx | * Liver | * Lymph Node, Bronchial | * Lymph Node, Mediastinal |
| * Lymph Node, Mesenteric | * Nose | * Pancreas | * Parathyroid Gland |
| * Pituitary Gland | * Preputial Gland | * Prostate | * Salivary Glands |
| * Seminal Vesicle | * Skin | * Spleen | * Stomach, Forestomach |
| * Stomach, Glandular | * Testes | * Thymus | * Trachea |
| * Urinary Bladder | | | |

MISSING

- | | | |
|--------------------------|-----------------|-----------------|
| * Lymph Node, Mandibular | * Mammary Gland | * Thyroid Gland |
|--------------------------|-----------------|-----------------|

OBSERVATIONS

- | | | |
|----------------------|------------------------|----------|
| * Adrenal Cortex | Hypertrophy | Minimal |
| * Bone | Fibrous Osteodystrophy | Minimal |
| * Heart | Cardiomyopathy | Minimal |
| * Islets, Pancreatic | Hyperplasia | Minimal |
| * Kidney | Nephropathy | Mild |
| * Lung | Hemorrhage | Minimal |
| Mesentery | Angiectasis | Moderate |

[Angiectasis TGLS = 2-10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 203

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 62.5 PPM

DISP: Terminal Sacrifice

HISTO: 34721

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Medulla | * Bone Marrow | * Brain | * Epididymis |
| * Esophagus | * Gallbladder | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Larynx | * Lymph Node, Bronchial | * Lymph Node, Mandibular |
| * Lymph Node, Mediastinal | * Lymph Node, Mesenteric | * Parathyroid Gland | * Pituitary Gland |
| * Preputial Gland | * Prostate | * Salivary Glands | * Seminal Vesicle |
| * Skin | * Stomach, Forestomach | * Stomach, Glandular | * Testes |
| * Trachea | * Urinary Bladder | | |

MISSING

- | | |
|-----------------|----------|
| * Mammary Gland | * Thymus |
|-----------------|----------|

OBSERVATIONS

- | | | | |
|------------------|--|----------------------------------|--------------------|
| * Adrenal Cortex | | Hypertrophy | Mild |
| * Bone | | Fibrous Osteodystrophy | Minimal |
| * Heart | | Cardiomyopathy | Minimal |
| * Kidney | | Nephropathy | Moderate |
| * Liver | | Hepatocellular Adenoma | Multiple |
| | | Hepatocellular Carcinoma | |
| | [Hepatocellular Adenoma TGLS = 2,3-4+11] | | |
| | [Hepatocellular Carcinoma TGLS = 1-10] | | |
| * Lung | | Hepatocellular Carcinoma | Metastatic (Liver) |
| * Nose | Respirat Epith | Degeneration | Hyaline, Minimal |
| * Pancreas | | Atrophy | Minimal |
| * Spleen | | Hematopoietic Cell Proliferation | Mild |
| * Thyroid Gland | Follicular Cel | Hyperplasia | Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 204

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 62.5 PPM

DISP: Terminal Sacrifice

HISTO: 34722

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
Harderian Gland		Adenoma	
[Adenoma TGLS = 1-10]			
* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2-11]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 205

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 62.5 PPM

DISP: Terminal Sacrifice

HISTO: 34723

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Mediastinal	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
Harderian Gland		Adenoma	
[Adenoma TGLS = 1-10]			
* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 2-4]			
* Lymph Node, Mesenteric		Angiectasis	Minimal
		Hematopoietic Cell Proliferation	Minimal
* Spleen		Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 206

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 62.5 PPM

DISP: Terminal Sacrifice

HISTO: 34724

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Hyperplasia	Mild
* Heart	Cardiomyopathy	Minimal
* Kidney	Glomerulosclerosis	Minimal
	Nephropathy	Minimal
* Liver	Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 1,2-4+10]		
* Preputial Gland	Inflammation	Minimal
* Stomach, Glandular	Mineralization	Minimal
* Testes	Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 207

TRT#: 3

SEX: Male

DAY ON TEST: 656

DOSE: 62.5 PPM

DISP: Moribund Sacrifice

HISTO: 34725

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lung	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Mammary Gland	* Thymus
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OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Glomerulosclerosis	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 1,2-4]		
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Parathyroid Gland		Cyst	Mild
* Preputial Gland		Inflammation	Mild
* Skin	Prepuce	Inflammation	Chronic Active, Marked
	Prepuce	Ulcer	Mild
	[Inflammation TGLS = 3-10]		
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 208

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 62.5 PPM

DISP: Terminal Sacrifice

HISTO: 34726

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Minimal
* Epididymis	Inflammation	Mild
* Heart	Cardiomyopathy	Minimal
* Kidney	Metaplasia	Osseous, Minimal
	Nephropathy	Minimal
* Liver	Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-10]		
* Lung	Hemorrhage	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:23:32
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 209	TRT#: 3 DOSE: 62.5 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 34727
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mediastinal	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Adenoma	
		Hypertrophy	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 210

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 62.5 PPM

DISP: Terminal Sacrifice

HISTO: 34728

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Liver	* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Prostate
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Minimal
* Lung	Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 1-3]		
* Preputial Gland	Inflammation	Mild
* Salivary Glands	Inflammation	Minimal
* Spleen	Mast Cell Tumor Nos	
[Mast Cell Tumor Nos TGLS = 2-4]		
* Thyroid Gland	Follicular Cel Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 211

TRT#: 3

SEX: Male

DAY ON TEST: 649

DOSE: 62.5 PPM

DISP: Moribund Sacrifice

HISTO: 34729

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Gallbladder	* Lymph Node, Mediastinal	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Minimal
* Heart	Cardiomyopathy	Mild
* Intestine Small, Ileum [Carcinoma TGLS = 5-10]	Carcinoma	
* Kidney [Nephropathy TGLS = 3-5]	Metaplasia Nephropathy	Osseous, Minimal Marked
* Liver [Hepatocellular Carcinoma TGLS = 2-4]	Hepatocellular Carcinoma	
* Lung [Alveolar/Bronchiolar Adenoma TGLS = 1-3] [Alveolar/Bronchiolar Carcinoma TGLS = 1-3]	Alveolar/Bronchiolar Adenoma Alveolar/Bronchiolar Carcinoma	
* Spleen [Hematopoietic Cell Proliferation TGLS = 4-4]	Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 212

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 62.5 PPM

DISP: Terminal Sacrifice

HISTO: 34730

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lung	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Bone	Fibrous Osteodystrophy	Minimal
* Epididymis	Inflammation	Minimal
* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1-4+10]		
* Spleen	Hyperplasia	Lymphoid, Mild
* Stomach, Forestomach	Squamous Cell Papilloma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 213

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 62.5 PPM

DISP: Terminal Sacrifice

HISTO: 34731

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Bronchial	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Hyperplasia	Minimal
		Nephropathy	Minimal
* Liver		Degeneration	Fatty, Minimal
* Lung		Hemorrhage	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 214

TRT#: 3

SEX: Male

DAY ON TEST: 681

DOSE: 62.5 PPM

DISP: Moribund Sacrifice

HISTO: 34732

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lymph Node, Mesenteric	* Nose
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Gallbladder	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Mammary Gland	* Parathyroid Gland	* Pituitary Gland	

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
	Oval Cell	Hyperplasia	Mild
Note: TGL 1 is an infarcted liver mass.			
[Hepatocellular Adenoma TGLS = 2-4]			
[Hepatocellular Carcinoma TGLS = 1,2-4+10+11]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Pancreas		Degeneration	Hyaline, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 215

TRT#: 3

SEX: Male

DAY ON TEST: 549

DOSE: 62.5 PPM

DISP: Natural Death

HISTO: 34733

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Islets, Pancreatic	* Kidney	* Larynx
* Lung	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Mammary Gland
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Seminal Vesicle			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Adrenal Medulla		Pheochromocytoma Malignant	
[Pheochromocytoma Malignant TGLS = 1-2]			
* Liver		Hepatocellular Adenoma	
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 216

TRT#: 3

DOSE: 62.5 PPM

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST: 611

HISTO: 34734

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Nose	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Lymphoma Malignant	
* Epididymis		Granuloma Sperm	Mild
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Cecum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-11]			
* Kidney		Glomerulosclerosis	Minimal
* Liver		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3,4-4]		Necrosis	Moderate
* Lung		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3,4-4]			
Lymph Node	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-10]			
* Lymph Node, Bronchial		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-11]			
* Lymph Node, Mediastinal		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-2]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-11]			
* Pancreas		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:23:32
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 216

TRT#: 3

SEX: Male

DAY ON TEST: 611

DOSE: 62.5 PPM

DISP: Moribund Sacrifice

HISTO: 34734

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 5-10]

* Spleen

Lymphoma Malignant

[Lymphoma Malignant TGLS = 2-4]

* Testes

Atrophy

Moderate

* Thymus

Atrophy

Marked

PRIMARY CAUSE OF DEATH

- Lung Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 217

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 62.5 PPM

DISP: Terminal Sacrifice

HISTO: 34735

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|---------------------------|-----------------------------|----------------------------|
| * Adrenal Medulla | * Bone | * Bone Marrow | * Brain |
| * Epididymis | * Esophagus | * Gallbladder | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Larynx | * Liver | * Lung |
| * Lymph Node, Bronchial | * Lymph Node, Mandibular | * Lymph Node, Mediastinal | * Pancreas |
| * Pituitary Gland | * Prostate | * Salivary Glands | * Seminal Vesicle |
| * Skin | * Spleen | * Stomach, Forestomach | * Stomach, Glandular |
| * Testes | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

MISSING

- | | | |
|-----------------|---------------------|-------------------|
| * Mammary Gland | * Parathyroid Gland | * Preputial Gland |
|-----------------|---------------------|-------------------|

OBSERVATIONS

- | | | | |
|--------------------------|--------------|----------------|----------------------|
| * Adrenal Cortex | | Hypertrophy | Mild |
| * Heart | | Cardiomyopathy | Minimal |
| * Intestine Small, Ileum | Peyers Patch | Hyperplasia | Mild |
| * Kidney | | Nephropathy | Minimal |
| * Lymph Node, Mesenteric | | Hyperplasia | Mild |
| * Nose | | Inflammation | Suppurative, Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 218

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 62.5 PPM

DISP: Terminal Sacrifice

HISTO: 34736

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Hyperplasia	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 1-4]		
* Lymph Node, Mesenteric		Hyperplasia	Mild
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Preputial Gland		Inflammation	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:23:32
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 219	TRT#: 3 DOSE: 62.5 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 34737
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Pancreas		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 220

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 62.5 PPM

DISP: Terminal Sacrifice

HISTO: 34738

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Prostate
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Lymph Node, Mandibular		Hyperplasia	Mild
* Spleen		Hyperplasia	Lymphoid, Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 221

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 62.5 PPM

DISP: Terminal Sacrifice

HISTO: 34739

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Nose	* Pancreas	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Bronchial	* Mammary Gland	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Marked
		Hypertrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
	[Eosinophilic Focus TGLS = 2-4]		
	[Hepatocellular Adenoma TGLS = 3-10]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 1-3]		
* Lymph Node, Mesenteric		Hyperplasia	Mild
* Preputial Gland		Inflammation	Mild
* Spleen		Hyperplasia	Lymphoid, Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:23:32
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 222

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 62.5 PPM

DISP: Terminal Sacrifice

HISTO: 34740

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Nose
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mediastinal	* Mammary Gland
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OBSERVATIONS

* Gallbladder	Inflammation	Mild
* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Minimal
* Lymph Node, Mesenteric	Hyperplasia	Mild
* Pancreas	Atrophy	Minimal
* Spleen	Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 223

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 62.5 PPM

DISP: Terminal Sacrifice

HISTO: 34741

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Hyperplasia	Moderate
	Hypertrophy	Minimal
* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Minimal
* Lung	Alveolar/Bronchiolar Carcinoma	
	Infiltration Cellular	Histiocyte, Moderate
[Alveolar/Bronchiolar Carcinoma TGLS = 1-3]		
* Spleen	Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 224

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 62.5 PPM

DISP: Terminal Sacrifice

HISTO: 34742

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Mammary Gland
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OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Mild
* Kidney	Pelvis	Inflammation	Chronic Active, Mild
		Nephropathy	Mild
* Liver		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Carcinoma	
		Inflammation	Minimal
	[Hepatocellular Carcinoma TGLS = 3-4]		
* Lung		Alveolar/Bronchiolar Adenoma	
		Hepatocellular Carcinoma	Metastatic (Liver)
	[Alveolar/Bronchiolar Adenoma TGLS = 1-3]		
* Lymph Node, Mesenteric		Angiectasis	Mild
		Hyperplasia	Mild
* Preputial Gland		Inflammation	Mild
* Prostate		Inflammation	Mild
* Spleen		Hematopoietic Cell Proliferation	Marked
	[Hematopoietic Cell Proliferation TGLS = 2-4]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Ulcer	Mild
* Urinary Bladder	Transit Epithe	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:23:32
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 224	TRT#: 3 DOSE: 62.5 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 34742
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ORGAN AND ACCOUNTABLE SITE STATUS			
		Inflammation	Moderate

PRIMARY CAUSE OF DEATH	-		
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 225

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 62.5 PPM

DISP: Terminal Sacrifice

HISTO: 34743

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Mandibular	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Mammary Gland
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OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		[Eosinophilic Focus TGLS = 1-4]	
		[Hepatocellular Adenoma TGLS = 2-10]	
		[Hepatocellular Carcinoma TGLS = 3-11]	
* Lymph Node, Mesenteric		Hyperplasia	Mild
* Skin	Prepuce	Inflammation	Chronic Active, Moderate
	Prepuce	Ulcer	Mild
		[Inflammation TGLS = 4-12]	
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 226

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 62.5 PPM

DISP: Terminal Sacrifice

HISTO: 34744

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Lymph Node, Mesenteric		Hyperplasia	Mild
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
		Inflammation	Suppurative, Mild
Tooth		Malformation	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 227

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 62.5 PPM

DISP: Terminal Sacrifice

HISTO: 34745

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mediastinal	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Larynx	Squam Epithel	Hyperplasia	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 1,2-4]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 1,2-4]		
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Spleen		Pigmentation	Hemosiderin, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 228

TRT#: 3

SEX: Male

DAY ON TEST: 701

DOSE: 62.5 PPM

DISP: Natural Death

HISTO: 34746

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Esophagus	* Intestine Large, Colon
* Islets, Pancreatic	* Pituitary Gland	* Preputial Gland	* Skin
* Testes	* Thyroid Gland	* Trachea	

MISSING

* Mammary Gland	* Parathyroid Gland
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum		

OBSERVATIONS

* Adrenal Cortex [Lymphoma Malignant TGLS = 1-7]		Lymphoma Malignant	
* Bone Marrow		Lymphoma Malignant	
* Brain		Lymphoma Malignant	
* Epididymis		Lymphoma Malignant	
* Heart		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
		Nephropathy	Minimal
* Larynx	Squam Epithel	Hyperplasia	Minimal
		Lymphoma Malignant	
* Liver		Hepatocellular Adenoma	
		Lymphoma Malignant	
[Hepatocellular Adenoma TGLS = 3-4]			
[Lymphoma Malignant TGLS = 3-4]			
* Lung		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5,6-3]			
* Lymph Node, Bronchial		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-7]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-7]			
* Lymph Node, Mediastinal		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:23:32
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 228	TRT#: 3 DOSE: 62.5 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 701 HISTO: 34746
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ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 7-10] * Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-6] * Nose	Respirat Epith	Degeneration Lymphoma Malignant	Hyaline, Minimal
* Pancreas		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5,6-3] * Prostate		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5,6-3] * Salivary Glands		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5,6-3] * Seminal Vesicle		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5,6-3] * Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-4] * Stomach, Forestomach	Epithelium	Hyperplasia Lymphoma Malignant	Minimal
[Lymphoma Malignant TGLS = 1-7] * Stomach, Glandular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 7-10] * Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-4] * Urinary Bladder		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-4]			
PRIMARY CAUSE OF DEATH	- Liver	Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 229

TRT#: 3

SEX: Male

DAY ON TEST: 707

DOSE: 62.5 PPM

DISP: Natural Death

HISTO: 34747

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Larynx	* Lung	* Lymph Node, Bronchial
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Testes
* Thyroid Gland	* Trachea		

MISSING

* Intestine Large, Rectum	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Mammary Gland
* Thymus			

AUTO PRECLUDES DIAG.

* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Inflammation	Chronic Active, Mild
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLS = 2,5-4]		
	[Hepatocellular Carcinoma TGLS = 2-4]		
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Mild
* Nose	Olfactory Epi	Atrophy	Mild
	Respirat Epith	Degeneration	Hyaline, Minimal
		Inflammation	Suppurative, Minimal
	Respirat Epith	Metaplasia	Squamous, Minimal
* Prostate		Inflammation	Mild
* Skin	Prepuce	Inflammation	Chronic Active, Marked
	Prepuce	Ulcer	Marked
	[Inflammation TGLS = 1-7]		
* Spleen		Pigmentation	Hemosiderin, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:23:32
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 229	TRT#: 3 DOSE: 62.5 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 707 HISTO: 34747
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ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular Tooth		Ulcer Malformation	Minimal
* Urinary Bladder	Transit Epithe	Inflammation Ulcer	Marked Moderate
[Inflammation TGLS = 3,4-8]			

PRIMARY CAUSE OF DEATH - Urinary Bladder Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 230

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 62.5 PPM

DISP: Terminal Sacrifice

HISTO: 34748

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mediastinal	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Epididymis		Inflammation	Minimal
* Gallbladder		Degeneration	Hyaline, Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Moderate
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-10]			
* Lung		Hemorrhage	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Marked
[Hyperplasia TGLS = 3-8]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:23:32
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 231	TRT#: 3 DOSE: 62.5 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 34749
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Gallbladder	* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Mammary Gland
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OBSERVATIONS

* Brain	Meninges	Infiltration Cellular	Mononuclear CI, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 232

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 62.5 PPM

DISP: Terminal Sacrifice

HISTO: 34750

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
Zymbal's Gland			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Infarct	Marked
[Eosinophilic Focus TGLS = 2-4]			
[Hepatocellular Adenoma TGLS = 1-10]			
[Infarct TGLS = 3-11]			
* Lung	Alveolar Epith	Hyperplasia	Mild
* Spleen		Pigmentation	Hemosiderin, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 233

TRT#: 3

SEX: Male

DAY ON TEST: 705

DOSE: 62.5 PPM

DISP: Moribund Sacrifice

HISTO: 34751

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Liver	* Lung	* Lymph Node, Bronchial	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Nose	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Pancreas	Duct	Cyst	Mild
		Inflammation	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urin Bladder			

Note: The bladder is distended but normal.

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 234

TRT#: 3

SEX: Male

DAY ON TEST: 621

DOSE: 62.5 PPM

DISP: Moribund Sacrifice

HISTO: 34752

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Glomerulosclerosis	Mild
* Liver		Hepatocellular Carcinoma	Multiple
		Inflammation	Mild
		Necrosis	Mild
	[Hepatocellular Carcinoma TGLS = 1,2,3-4+11+12]		
	[Necrosis TGLS = 4-10]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Ulcer	Minimal

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 235

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 62.5 PPM

DISP: Terminal Sacrifice

HISTO: 34753

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Larynx	* Lymph Node, Mediastinal	* Pancreas
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hepatocellular Carcinoma	Metastatic (Liver)
* Heart		Cardiomyopathy	Minimal
* Intestine Small, Jejunum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 7-6]			
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	Multiple
[Eosinophilic Focus TGLS = 5,10-11+12]			
[Hepatocellular Carcinoma TGLS = 3,4-4+10]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 1,8,9-3]			
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-13]			
* Nose	Olfactory Epi	Atrophy	Mild
	Olfactory Epi	Degeneration	Hyaline, Minimal
	Respirat Epith	Degeneration	Hyaline, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-4]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:23:32
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 235

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 62.5 PPM

DISP: Terminal Sacrifice

HISTO: 34753

ORGAN AND ACCOUNTABLE SITE STATUS

Tooth

Malformation

[Malformation TGLS = 2-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 236

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 62.5 PPM

DISP: Terminal Sacrifice

HISTO: 34754

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Adenoma	Multiple
	Hepatocellular Carcinoma	
[Hepatocellular Adenoma TGLS = 1-10]		
[Hepatocellular Carcinoma TGLS = 2-11]		
* Spleen	Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 237

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 62.5 PPM

DISP: Terminal Sacrifice

HISTO: 34755

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Larynx	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Bronchial	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 1-4+10]			
* Nose	Olfactory Epi	Atrophy	Moderate
		Inflammation	Suppurative, Mild
		Polyp, Inflammatory	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
[Hyperplasia TGLS = 2-8]			
* Testes	Interstit Cell	Hyperplasia	Minimal
Tooth		Malformation	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 238

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 62.5 PPM

DISP: Terminal Sacrifice

HISTO: 34756

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 239

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 62.5 PPM

DISP: Terminal Sacrifice

HISTO: 34757

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Mild
* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Degeneration	Fatty, Minimal
	Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 240

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 62.5 PPM

DISP: Terminal Sacrifice

HISTO: 34758

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Bronchial	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
Harderian Gland		Adenoma	
[Adenoma TGLS = 1-10]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Preputial Gland		Ectasia	Moderate
* Spleen		Hyperplasia	Lymphoid, Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 241

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 62.5 PPM

DISP: Terminal Sacrifice

HISTO: 34759

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Hyperplasia	Marked
* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Eosinophilic Focus	
	Hepatocellular Adenoma	
[Eosinophilic Focus TGLS = 1-4]		
[Hepatocellular Adenoma TGLS = 2-10]		
* Lung	Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 3-3]		
* Thyroid Gland	Follicular Cel	Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:23:32
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 242

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 62.5 PPM

DISP: Terminal Sacrifice

HISTO: 34760

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-4]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2-10]			
* Preputial Gland		Inflammation	Moderate
* Spleen		Pigmentation	Hemosiderin, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:23:32
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 243

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 62.5 PPM

DISP: Terminal Sacrifice

HISTO: 34761

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Liver	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mediastinal	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Minimal
* Epididymis	Inflammation	Minimal
* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Minimal
* Spleen	Pigmentation	Hemosiderin, Minimal
* Testes	Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:23:32
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 244

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 62.5 PPM

DISP: Terminal Sacrifice

HISTO: 34762

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney	Cortex	Cyst	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple

[Hepatocellular Adenoma TGLS = 1,2-4+10+11]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 245

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 62.5 PPM

DISP: Terminal Sacrifice

HISTO: 34763

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Minimal
* Heart	Cardiomyopathy	Mild
* Kidney	Nephropathy	Minimal
* Liver	Eosinophilic Focus	
* Lung	Hemorrhage	Minimal
* Nose	Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 246

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 62.5 PPM

DISP: Terminal Sacrifice

HISTO: 34764

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Bone | * Bone Marrow | * Brain | * Epididymis |
| * Esophagus | * Gallbladder | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Larynx | * Lung | * Lymph Node, Bronchial |
| * Lymph Node, Mediastinal | * Lymph Node, Mesenteric | * Nose | * Pancreas |
| * Parathyroid Gland | * Pituitary Gland | * Preputial Gland | * Prostate |
| * Salivary Glands | * Seminal Vesicle | * Skin | * Spleen |
| * Stomach, Forestomach | * Stomach, Glandular | * Testes | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

MISSING

- | | |
|--------------------------|-----------------|
| * Lymph Node, Mandibular | * Mammary Gland |
|--------------------------|-----------------|

OBSERVATIONS

- | | | |
|-------------------|------------------------|----------|
| * Adrenal Cortex | Hypertrophy | Moderate |
| * Adrenal Medulla | Hyperplasia | Mild |
| * Heart | Cardiomyopathy | Minimal |
| * Kidney | Nephropathy | Minimal |
| * Liver | Hepatocellular Adenoma | Multiple |

[Hepatocellular Adenoma TGLS = 1,2-4+10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:23:32
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 247	TRT#: 3	SEX: Male	DAY ON TEST: 731
	DOSE: 62.5 PPM	DISP: Terminal Sacrifice	HISTO: 34765

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lung	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Mammary Gland
* Parathyroid Gland			

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Moderate
* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 248

TRT#: 3

DOSE: 62.5 PPM

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST: 670

HISTO: 34766

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Adenoma Hypertrophy	Minimal
[Adenoma TGLS = 5-2]			
* Bone		Hemangiosarcoma	
* Bone Marrow		Hemangiosarcoma	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Larynx	Squam Epithel	Hyperplasia	Mild
* Liver		Eosinophilic Focus Hemangiosarcoma	
[Eosinophilic Focus TGLS = 2,3-4]			
[Hemangiosarcoma TGLS = 4-4]			
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Skin		Inflammation	Marked
[Inflammation TGLS = 6-10]			
* Spleen		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 1-4]			
* Testes		Atrophy	Minimal

PRIMARY CAUSE OF DEATH - Liver Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 248

TRT#: 3

SEX: Male

DAY ON TEST: 670

DOSE: 62.5 PPM

DISP: Moribund Sacrifice

HISTO: 34766

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 249

TRT#: 3

SEX: Male

DAY ON TEST: 681

DOSE: 62.5 PPM

DISP: Moribund Sacrifice

HISTO: 34767

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Liver	* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Trachea			

MISSING

* Mammary Gland	* Parathyroid Gland	* Thymus	* Thyroid Gland
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OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Nose	Olfactory Epi	Atrophy	Minimal
		Inflammation	Suppurative, Minimal
* Pancreas		Atrophy	Minimal
* Urinary Bladder	Transit Epithe	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:23:32
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 250	TRT#: 3	SEX: Male	DAY ON TEST: 729
	DOSE: 62.5 PPM	DISP: Terminal Sacrifice	HISTO: 34768

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mediastinal	* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Minimal
* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 401

TRT#: 5

SEX: Male

DAY ON TEST: 681

DOSE: 125 PPM

DISP: Moribund Sacrifice

HISTO: 34619

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Mandibular	* Nose	* Pancreas	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Mammary Gland	* Parathyroid Gland
* Thymus			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Mild
* Kidney	Pelvis	Inflammation	Chronic Active, Mild
	Renal Tubule	Mineralization	Mild
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		[Eosinophilic Focus TGLS = 4-4]	
		[Hepatocellular Adenoma TGLS = 2-11]	
* Lymph Node, Mesenteric		Hyperplasia	Mild
* Preputial Gland		Inflammation	Minimal
* Skin	Prepuce	Inflammation	Chronic Active, Marked
	Prepuce	Ulcer	Moderate
		[Inflammation TGLS = 1-7+10]	
* Spleen		Hematopoietic Cell Proliferation	Mild
* Urinary Bladder		Inflammation	Marked
	Transit Epithe	Ulcer	Moderate
		[Inflammation TGLS = 3-8]	

PRIMARY CAUSE OF DEATH - Urinary Bladder Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:23:32
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 401

TRT#: 5

SEX: Male

DAY ON TEST: 681

DOSE: 125 PPM

DISP: Moribund Sacrifice

HISTO: 34619

ORGAN AND ACCOUNTABLE SITE STATUS

CONTRIBUTORY CAUSE OF DEATH

- Skin Prepuce Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 402

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: 34620

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hemangiosarcoma	
		Hepatocellular Adenoma	Multiple
[Clear Cell Focus TGLS = 3-11]			
[Hemangiosarcoma TGLS = 3-11]			
[Hepatocellular Adenoma TGLS = 1,2-10+12]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 4-13]			
* Prostate	Epithelium	Hyperplasia	Mild
* Spleen		Hyperplasia	Lymphoid, Mild
		Pigmentation	Hemosiderin, Mild
* Stomach, Glandular		Degeneration	Hyaline, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 403

TRT#: 5

DOSE: 125 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 34621

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Gallbladder	* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Minimal
* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Clear Cell Focus	
	Eosinophilic Focus	
	Hepatocellular Carcinoma	
[Clear Cell Focus TGLS = 3-12]		
[Eosinophilic Focus TGLS = 4,6-13+14]		
[Hepatocellular Carcinoma TGLS = 3-12]		
* Lung	Alveolar/Bronchiolar Adenoma	Multiple
[Alveolar/Bronchiolar Adenoma TGLS = 1-3]		
* Spleen	Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Squamous Cell Carcinoma	
	Squamous Cell Papilloma	
[Squamous Cell Carcinoma TGLS = 5-11]		
[Squamous Cell Papilloma TGLS = 5-11]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 404

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: 34622

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
Harderian Gland		Adenoma	
[Adenoma TGLS = 1-12]			
* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2,3,4-4+10+11]			
* Nose	Olfactory Epi	Atrophy	Minimal
* Skin	Prepuce	Inflammation	Chronic Active, Marked
	Prepuce	Ulcer	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Testes		Atrophy	Mild
		Mineralization	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 405

TRT#: 5

SEX: Male

DAY ON TEST: 583

DOSE: 125 PPM

DISP: Moribund Sacrifice

HISTO: 34623

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Mammary Gland	* Thymus
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OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Glomerulosclerosis	Mild
		Hydronephrosis	Mild
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 1-10]		
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Salivary Glands		Inflammation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular	Epithelium	Hyperplasia	Minimal
* Testes		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 406

TRT#: 5

DOSE: 125 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 34624

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Brain		Vacuolization Cytoplasmic	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Glomerulosclerosis	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
	[Hepatocellular Adenoma TGLS = 4-4]		
	[Hepatocellular Carcinoma TGLS = 3,5-4]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Alveolar/Bronchiolar Carcinoma	
		Hepatocellular Carcinoma	Metastatic (Liver)
		Infiltration Cellular	Histiocyte, Mild
	[Alveolar/Bronchiolar Adenoma TGLS = 1,2-3]		
	[Alveolar/Bronchiolar Carcinoma TGLS = 1,2-3]		
* Spleen		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Lymphoid, Mild
		Pigmentation	Hemosiderin, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:23:32
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 406	TRT#: 5 DOSE: 125 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 34624
ORGAN AND ACCOUNTABLE SITE STATUS			
* Stomach, Glandular	Epithelium	Hyperplasia Mineralization	Minimal Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 407

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: 34625

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
		Hypertrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 1,2-4+10]		
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 408

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: 34626

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial
* Lymph Node, Mediastinal	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Hyperplasia	Mild
	Hypertrophy	Mild
* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2-10]		
* Lung	Alveolar/Bronchiolar Adenoma	
	Hemorrhage	Minimal
	Infiltration Cellular	Histiocyte, Mild
[Alveolar/Bronchiolar Adenoma TGLS = 1-3]		
* Lymph Node, Mesenteric	Hyperplasia	Marked
* Spleen	Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 409

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: 34627

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Larynx	* Liver	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Gallbladder	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Moderate
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Spleen		Pigmentation	Hemosiderin, Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 410

TRT#: 5

SEX: Male

DAY ON TEST: 583

DOSE: 125 PPM

DISP: Moribund Sacrifice

HISTO: 34628

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Liver	* Lung
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Adenoma	
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Glomerulosclerosis	Minimal
		Nephropathy	Minimal
* Skin	Prepuce	Inflammation	Chronic Active, Marked
	Prepuce	Ulcer	Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Urin Bladder			

Note: Urinary bladder was distended but normal.

PRIMARY CAUSE OF DEATH

- Skin Prepuce Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 411

TRT#: 5

SEX: Male

DAY ON TEST: 567

DOSE: 125 PPM

DISP: Natural Death

HISTO: 34629

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Bronchial	* Mammary Gland	* Parathyroid Gland
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AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Glomerulosclerosis	Moderate
		Nephropathy	Minimal
* Liver	Kupffer Cell	Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 3-10]	Pigmentation	Hemosiderin, Minimal
* Skin	Subcut Tiss	Granuloma	Marked
	[Inflammation TGLS = 2-11]	Inflammation	Granulomatous, Moderate
	[Pigmentation TGLS = 1-12]	Pigmentation	Melanin, Minimal
* Spleen		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
	[Hyperplasia TGLS = 4-8]		

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 412

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: 34630

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Bronchial	* Mammary Gland	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Mild
* Heart	Cardiomyopathy	Minimal
* Kidney	Glomerulosclerosis	Minimal
	Nephropathy	Minimal
* Liver	Angiectasis	Minimal
	Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-10]		
* Spleen	Hematopoietic Cell Proliferation	Mild
	Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Hyperplasia	Mild
	Squamous Cell Papilloma	
	Ulcer	Minimal
[Squamous Cell Papilloma TGLS = 2-8]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 413

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: 34631

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lymph Node, Bronchial	* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Mild
* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Minimal
* Lung	Hemorrhage	Minimal
* Pancreas	Hemangioma	
* Spleen	Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 414

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: 34632

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mediastinal	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Adenoma	
		Hypertrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 1-10]		
* Seminal Vesicle		Inflammation	Moderate
	[Inflammation TGLS = 2-8]		
* Spleen		Pigmentation	Hemosiderin, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 415

TRT#: 5

SEX: Male

DAY ON TEST: 597

DOSE: 125 PPM

DISP: Natural Death

HISTO: 34633

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Islets, Pancreatic
* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	Mesentery	* Nose	* Pancreas
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Seminal Vesicle
* Stomach, Glandular			

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Glomerulosclerosis	Minimal
* Liver		Hepatocellular Carcinoma	Multiple
[Hepatocellular Carcinoma TGLS = 2,3-4+10]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 1-3]			
* Skin	Prepuce	Inflammation	Chronic Active, Mild
* Spleen		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH	- Liver Hepatocellular Carcinoma
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 416

TRT#: 5

SEX: Male

DAY ON TEST: 585

DOSE: 125 PPM

DISP: Natural Death

HISTO: 34634

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic	* Larynx
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Gallbladder	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Mammary Gland
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AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Kidney	Glomerulosclerosis	Minimal
	Nephropathy	Minimal
* Liver	Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-10]		
* Lung	Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 1-3]		
* Spleen	Pigmentation	Hemosiderin, Mild
* Testes	Atrophy	Mild
	Mineralization	Minimal

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 417

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: 34635

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
	Oval Cell	Hyperplasia	Minimal
		Inflammation	Minimal
	[Eosinophilic Focus TGLS = 3-10]		
	[Hepatocellular Adenoma TGLS = 1-4]		
* Lung		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Moderate
	[Alveolar/Bronchiolar Carcinoma TGLS = 2-3]		
* Nose		Inflammation	Suppurative, Minimal
* Spleen		Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 418

TRT#: 5

SEX: Male

DAY ON TEST: 582

DOSE: 125 PPM

DISP: Moribund Sacrifice

HISTO: 34636

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Medulla | * Bone | * Brain | * Epididymis |
| * Esophagus | * Gallbladder | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Larynx | * Lung | * Lymph Node, Bronchial |
| * Lymph Node, Mandibular | * Lymph Node, Mediastinal | * Lymph Node, Mesenteric | * Nose |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Preputial Gland |
| * Prostate | * Salivary Glands | * Seminal Vesicle | * Stomach, Forestomach |
| * Stomach, Glandular | * Testes | * Thymus | * Thyroid Gland |
| * Trachea | | | |

MISSING

- * Mammary Gland

OBSERVATIONS

- | | | | |
|--|---------|----------------------------------|------------------------|
| * Adrenal Cortex | | Hyperplasia | Mild |
| * Bone Marrow | | Hyperplasia | Mild |
| * Heart | | Cardiomyopathy | Minimal |
| * Kidney | | Hydronephrosis | Mild |
| [Hydronephrosis TGLS = 3-5] | | | |
| * Liver | | Hepatocellular Adenoma | |
| [Hepatocellular Adenoma TGLS = 2-10] | | | |
| * Skin | Prepuce | Inflammation | Chronic Active, Marked |
| | Prepuce | Ulcer | Marked |
| [Inflammation TGLS = 1-7] | | | |
| * Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Hemosiderin, Mild |
| * Urinary Bladder | | Inflammation | Minimal |

PRIMARY CAUSE OF DEATH

- Skin Prepuce Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 419

TRT#: 5

SEX: Male

DAY ON TEST: 502

DOSE: 125 PPM

DISP: Moribund Sacrifice

HISTO: 34637

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
		Hypertrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Liver		Degeneration	Fatty, Minimal
		Hepatocellular Carcinoma	
	[Degeneration TGLS = 1-4]		
	[Hepatocellular Carcinoma TGLS = 2-4]		
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Stomach, Glandular		Ulcer	Mild

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:32

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 420

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: 34638

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
		Hypertrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Degeneration	Fatty, Minimal
		Eosinophilic Focus	
	Oval Cell	Hyperplasia	Minimal
[Clear Cell Focus TGLS = 1-11]			
[Eosinophilic Focus TGLS = 2-10]			
* Pancreas		Atrophy	Minimal
* Preputial Gland		Inflammation	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:23:33
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 421

TRT#: 5

SEX: Male

DAY ON TEST: 618

DOSE: 125 PPM

DISP: Moribund Sacrifice

HISTO: 34639

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Testes	* Thymus	* Trachea

MISSING

* Lymph Node, Bronchial	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Glomerulosclerosis	Minimal
		Inflammation	Chronic Active, Mild
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Minimal
		Necrosis	Minimal
		[Eosinophilic Focus TGLS = 3-10]	
* Preputial Gland		Inflammation	Marked
* Prostate		Inflammation	Mild
* Skin	Prepuce	Inflammation	Chronic Active, Marked
	Prepuce	Ulcer	Marked
		[Inflammation TGLS = 1-7]	
* Spleen		Hematopoietic Cell Proliferation	Marked
		[Hematopoietic Cell Proliferation TGLS = 2-4]	
* Stomach, Glandular	Epithelium	Hyperplasia	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 421

TRT#: 5

SEX: Male

DAY ON TEST: 618

DOSE: 125 PPM

DISP: Moribund Sacrifice

HISTO: 34639

ORGAN AND ACCOUNTABLE SITE STATUS

Transit Epithe

Ulcer

Mild

PRIMARY CAUSE OF DEATH

- Skin Prepuce Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 422

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: 34640

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
		Hypertrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-10]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:23:33
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 423	TRT#: 5	SEX: Male	DAY ON TEST: 731
	DOSE: 125 PPM	DISP: Terminal Sacrifice	HISTO: 34641

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 1-10]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Testes		Atrophy	Mild
		Mineralization	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:23:33
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 424

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: 34642

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Larynx	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus Inflammation	Minimal
[Eosinophilic Focus TGLS = 1-4]			
* Spleen		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 425

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: 34643

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Epididymis		Inflammation	Granulomatous, Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Spleen		Pigmentation	Hemosiderin, Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 426

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: 34644

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Epididymis		Inflammation	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Degeneration	Fatty, Mild
		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
[Eosinophilic Focus TGLS = 2-4]			
[Hepatodiaphragmatic Nodule TGLS = 1-10]			
* Spleen		Hyperplasia	Lymphoid, Mild
		Pigmentation	Hemosiderin, Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 427

TRT#: 5

DOSE: 125 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 730

HISTO: 34645

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
	[Eosinophilic Focus TGLS = 6-12]		
	[Hepatocellular Adenoma TGLS = 7-10]		
	[Hepatocellular Carcinoma TGLS = 5-11]		
* Lung		Alveolar/Bronchiolar Carcinoma	Multiple
		Hepatocellular Carcinoma	Metastatic (Liver)
	Alveolar Epith	Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Marked
		Inflammation	Chronic, Mild
	[Alveolar/Bronchiolar Carcinoma TGLS = 3-3]		
	[Infiltration Cellular TGLS = 4-3]		
* Lymph Node, Bronchial		Hyperplasia	Mild
Oral Mucosa		Squamous Cell Carcinoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:23:33
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 427	TRT#: 5 DOSE: 125 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 34645
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ORGAN AND ACCOUNTABLE SITE STATUS

[Squamous Cell Carcinoma TGLS = 1-13]			
* Skin	Prepuce Prepuce	Inflammation Ulcer	Chronic Active, Marked Minimal
[Inflammation TGLS = 2-7]			
* Spleen		Hematopoietic Cell Proliferation Pigmentation	Mild Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia Ulcer	Marked Mild
[Hyperplasia TGLS = 8-8]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 428

TRT#: 5

SEX: Male

DAY ON TEST: 537

DOSE: 125 PPM

DISP: Moribund Sacrifice

HISTO: 34646

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Testes
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Hydronephrosis	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 2-3]		
* Prostate		Inflammation	Moderate
* Skin	Prepuce	Inflammation	Chronic Active, Marked
	Prepuce	Ulcer	Moderate
	[Inflammation TGLS = 1-7]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Hemosiderin, Mild
* Stomach, Glandular	Epithelium	Hyperplasia	Minimal
* Urinary Bladder	Transit Epithe	Hyperplasia	Mild
		Inflammation	Marked
	Transit Epithe	Ulcer	Moderate

PRIMARY CAUSE OF DEATH

- Skin Prepuce Inflammation

CONTRIBUTORY CAUSE OF DEATH

- Urinary Bladder Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 428

TRT#: 5

SEX: Male

DAY ON TEST: 537

DOSE: 125 PPM

DISP: Moribund Sacrifice

HISTO: 34646

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 429

TRT#: 5

SEX: Male

DAY ON TEST: 670

DOSE: 125 PPM

DISP: Moribund Sacrifice

HISTO: 34647

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	
	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
	[Hepatocellular Carcinoma TGLS = 1-10]		
* Lung		Alveolar/Bronchiolar Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Hemosiderin, Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Marked
		Ulcer	Mild
	[Hyperplasia TGLS = 2-8]		

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 430

TRT#: 5

DOSE: 125 PPM

SEX: Male

DISP: Natural Death

DAY ON TEST: 698

HISTO: 34648

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Bronchial	* Mammary Gland	* Parathyroid Gland	* Pituitary Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
		Inflammation	Mild
		Necrosis	Mild
[Hepatocellular Carcinoma TGLS = 1-10]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Hepatocellular Carcinoma	Metastatic (Liver)
[Alveolar/Bronchiolar Adenoma TGLS = 1-10]			
* Nose	Respirat Epith	Degeneration	Hyaline, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Minimal

PRIMARY CAUSE OF DEATH

- Lung Alveolar/Bronchiolar Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 431

TRT#: 5

SEX: Male

DAY ON TEST: 600

DOSE: 125 PPM

DISP: Natural Death

HISTO: 34649

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea			

MISSING

* Lymph Node, Mediastinal	* Mammary Gland	* Parathyroid Gland
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Kidney	* Urinary Bladder
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OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Mild
* Heart		Cardiomyopathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-4]			
* Lung		Hematopoietic Cell Proliferation	Mild
* Skin	Prepuce	Inflammation	Chronic Active, Marked
	Prepuce	Ulcer	Moderate
[Inflammation TGLS = 1-7]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Minimal

PRIMARY CAUSE OF DEATH

- Skin Prepuce Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 432

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: 34650

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Bone Marrow		Fibrosis	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
* Nose	Olfactory Epi	Atrophy	Mild
	Olfactory Epi	Degeneration	Hyaline, Mild
	Respirat Epith	Degeneration	Hyaline, Mild
		Inflammation	Suppurative, Mild
		Polyp, Inflammatory	Marked
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 433

TRT#: 5

SEX: Male

DAY ON TEST: 457

DOSE: 125 PPM

DISP: Natural Death

HISTO: 34651

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Brain
* Larynx
* Preputial Gland
* Thyroid Gland

* Adrenal Medulla
* Epididymis
* Lung
* Salivary Glands

* Bone
* Esophagus
* Lymph Node, Mediastinal
* Skin

* Bone Marrow
* Heart
* Nose
* Testes

MISSING

* Gallbladder
* Mammary Gland

* Lymph Node, Bronchial
* Parathyroid Gland

* Lymph Node, Mandibular
* Thymus

* Lymph Node, Mesenteric

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum
* Intestine Small, Ileum
* Pancreas
* Spleen

* Intestine Large, Colon
* Intestine Small, Jejunum
* Pituitary Gland
* Stomach, Glandular

* Intestine Large, Rectum
* Islets, Pancreatic
* Prostate
* Trachea

* Intestine Small, Duodenum
* Kidney
* Seminal Vesicle
* Urinary Bladder

OBSERVATIONS

* Liver
[Hepatocellular Carcinoma TGLS = 1-10]

Hepatocellular Carcinoma

* Stomach, Forestomach Epithelium

Hyperplasia
Ulcer

Minimal
Minimal

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 434

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: 34652

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Liver	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Mild
* Kidney		Hydronephrosis	Mild
	Renal Tubule	Hyperplasia	Minimal
		Nephropathy	Minimal
[Hydronephrosis TGLS = 2-5]			
* Lung		Hemorrhage	Minimal
Penis		Inflammation	Mild
* Skin	Prepuce	Inflammation	Chronic Active, Marked
[Inflammation TGLS = 1-7]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Minimal
* Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 435

TRT#: 5

SEX: Male

DAY ON TEST: 563

DOSE: 125 PPM

DISP: Moribund Sacrifice

HISTO: 34653

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Nose	* Pancreas
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Testes	* Thymus	* Thyroid Gland	* Trachea

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Hydronephrosis	Mild
		Inflammation	Chronic Active, Moderate
[Hydronephrosis TGLS = 2-5]			
* Liver		Hematopoietic Cell Proliferation	Minimal
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
* Prostate		Inflammation	Mild
* Skin	Prepuce	Inflammation	Chronic Active, Marked
	Prepuce	Ulcer	Moderate
[Inflammation TGLS = 1-7]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Hemosiderin, Mild
* Stomach, Glandular		Ulcer	Minimal
[Ulcer TGLS = 4-10]			
* Urinary Bladder		Inflammation	Marked
	Transit Epithe	Ulcer	Moderate
[Inflammation TGLS = 3-11]			

PRIMARY CAUSE OF DEATH

- Skin Prepuce Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 435

TRT#: 5

SEX: Male

DAY ON TEST: 563

DOSE: 125 PPM

DISP: Moribund Sacrifice

HISTO: 34653

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 436

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: 34654

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Bronchial	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
Eye	Cornea	Inflammation	Chronic, Moderate
[Inflammation TGLS = 2-11]			
Harderian Gland		Adenoma	
[Adenoma TGLS = 1-11]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
[Eosinophilic Focus TGLS = 4-4]			
[Hepatocellular Adenoma TGLS = 3-10]			
* Nose	Olfactory Epi	Atrophy	Minimal
* Spleen		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach		Ulcer	Minimal
* Testes		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 437

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: 34655

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Hyperplasia	Mild
	Hypertrophy	Minimal
* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Adenoma	
	Inflammation	Mild
	Necrosis	Minimal
[Hepatocellular Adenoma TGLS = 1-10]		
* Lung	Alveolar/Bronchiolar Adenoma	
* Pancreas	Atrophy	Minimal
* Spleen	Hematopoietic Cell Proliferation	Minimal
	Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 438

TRT#: 5

SEX: Male

DAY ON TEST: 430

DOSE: 125 PPM

DISP: Moribund Sacrifice

HISTO: 34656

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Bronchial	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Minimal
* Heart	Cardiomyopathy	Minimal
* Kidney	Glomerulosclerosis	Minimal
	Nephropathy	Minimal
* Liver	Eosinophilic Focus	
	Hepatocellular Carcinoma	
	[Eosinophilic Focus TGLS = 1-10]	
	[Hepatocellular Carcinoma TGLS = 1-10]	
* Lymph Node, Mandibular	Hyperplasia	Mild
* Spleen	Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:23:33
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 439	TRT#: 5 DOSE: 125 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 421 HISTO: 34657
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Esophagus	* Heart
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MISSING

* Adrenal Cortex	* Adrenal Medulla	* Mammary Gland	* Parathyroid Gland
* Thyroid Gland			

AUTO PRECLUDES DIAG.

* Bone Marrow	* Brain	* Epididymis	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Liver	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

PRIMARY CAUSE OF DEATH	- UNCERTAIN
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 440

TRT#: 5

SEX: Male

DAY ON TEST: 647

DOSE: 125 PPM

DISP: Natural Death

HISTO: 34658

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Intestine Large, Colon	* Intestine Large, Rectum
* Islets, Pancreatic	* Larynx	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Preputial Gland	* Prostate
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland
* Salivary Glands			

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum			

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Minimal
* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Eosinophilic Focus	
	Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-4]		
* Lung	Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 2-3]		
* Pituitary Gland	Hemorrhage	Marked
[Hemorrhage TGLS = 3-8]		
* Spleen	Pigmentation	Hemosiderin, Minimal

PRIMARY CAUSE OF DEATH

- Pituitary Gland Hemorrhage

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 441

TRT#: 5

SEX: Male

DAY ON TEST: 705

DOSE: 125 PPM

DISP: Moribund Sacrifice

HISTO: 34659

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Preputial Gland	* Prostate	* Salivary Glands	* Skin
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Bronchial	* Mammary Gland	* Parathyroid Gland	* Pituitary Gland
* Thymus			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Mineralization	Minimal
	Renal Tubule	Necrosis	Mild
[Necrosis TGLS = 3-5]			
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1,2-4]			
* Lung		Hemorrhage	Mild
* Seminal Vesicle		Inflammation	Minimal
* Spleen		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
		Ulcer	Minimal

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 442

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: 34660

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Clear Cell Focus	
[Clear Cell Focus TGLS = 1-4]		
* Spleen	Pigmentation	Hemosiderin, Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 443

TRT#: 5

SEX: Male

DAY ON TEST: 655

DOSE: 125 PPM

DISP: Moribund Sacrifice

HISTO: 34661

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Degeneration	Fatty, Mild
		Eosinophilic Focus	
	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
[Eosinophilic Focus TGLS = 1-10]			
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Spleen		Pigmentation	Hemosiderin, Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Ulcer	Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 444

TRT#: 5

SEX: Male

DAY ON TEST: 511

DOSE: 125 PPM

DISP: Natural Death

HISTO: 34662

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Brain
* Kidney
* Lymph Node, Mesenteric
* Salivary Glands

* Adrenal Medulla
* Epididymis
* Lung
* Pituitary Gland
* Skin

* Bone
* Esophagus
* Lymph Node, Bronchial
* Preputial Gland
* Testes

* Bone Marrow
* Intestine Large, Cecum
* Lymph Node, Mandibular
* Prostate
* Thyroid Gland

MISSING

* Lymph Node, Mediastinal

* Mammary Gland

* Parathyroid Gland

* Thymus

AUTO PRECLUDES DIAG.

* Gallbladder
* Intestine Small, Ileum
* Nose
* Trachea

* Intestine Large, Colon
* Intestine Small, Jejunum
* Pancreas
* Urinary Bladder

* Intestine Large, Rectum
* Islets, Pancreatic
* Seminal Vesicle

* Intestine Small, Duodenum
* Larynx
* Stomach, Glandular

OBSERVATIONS

* Heart
* Liver
[Necrosis TGLS = 2-4]

Cardiomyopathy
Necrosis

Minimal
Marked

* Spleen
* Stomach, Forestomach

Epithelium

Pigmentation
Hyperplasia

Hemosiderin, Mild
Minimal

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:23:33
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 445

TRT#: 5

SEX: Male

DAY ON TEST: 663

DOSE: 125 PPM

DISP: Moribund Sacrifice

HISTO: 34663

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mesenteric	* Mammary Gland	* Thymus
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OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Glomerulosclerosis	Minimal
		Hydronephrosis	Mild
		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	
		Inflammation	Moderate
		Necrosis	Marked
	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
	[Hepatocellular Carcinoma TGLS = 1-10]		
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Testes		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 446

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: 34664

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Mammary Gland
* Parathyroid Gland			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Inflammation	Mild
[Hepatocellular Adenoma TGLS = 2-4]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Preputial Gland		Inflammation	Minimal
* Skin	Prepuce	Inflammation	Chronic Active, Marked
	Prepuce	Ulcer	Marked
[Inflammation TGLS = 1-7]			
* Spleen		Pigmentation	Hemosiderin, Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 447

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: 34665

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver	Bile Duct	Cyst	Moderate
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		Necrosis	Minimal
	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
	[Hepatocellular Adenoma TGLS = 2,4-12+13]		
	[Hepatocellular Carcinoma TGLS = 1,3-11+14]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Skin		Hemangioma	
	[Hemangioma TGLS = 5-10]		
* Spleen		Hematopoietic Cell Proliferation	Marked
		Pigmentation	Hemosiderin, Minimal
* Stomach, Forestomach		Ulcer	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 448

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: 34666

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Stomach, Glandular
* Testes	* Thymsus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Glomerulosclerosis	Minimal
		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	Multiple
	[Hepatocellular Carcinoma TGLS = 2,3,4-4+10]		
* Preputial Gland		Inflammation	Moderate
* Skin	Prepuce	Inflammation	Chronic Active, Mild
	Prepuce	Ulcer	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Marked
		Ulcer	Mild
	[Hyperplasia TGLS = 5-11]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 449

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: 34667

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Mammary Gland	* Parathyroid Gland
* Thymus			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-10]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Hemorrhage	Minimal
* Lymph Node, Mesenteric		Hyperplasia	Mild
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Spleen		Pigmentation	Hemosiderin, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 450

TRT#: 5

SEX: Male

DAY ON TEST: 704

DOSE: 125 PPM

DISP: Natural Death

HISTO: 34668

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic
* Larynx	* Lung	* Lymph Node, Bronchial	* Lymph Node, Mediastinal
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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AUTO PRECLUDES DIAG.

* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hemangiosarcoma	
		Necrosis	Mild
[Hemangiosarcoma TGLS = 1,2-4+10]			
* Lymph Node, Mesenteric		Hyperplasia	Mild
* Preputial Gland		Inflammation	Moderate
* Skin	Prepuce	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Marked
		Pigmentation	Hemosiderin, Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

- Liver Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 601

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 34519

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Bronchial	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Heart	Cardiomyopathy	Minimal
* Kidney	Glomerulosclerosis	Minimal
	Nephropathy	Minimal
* Liver	Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 1-10]	
* Spleen	Hematopoietic Cell Proliferation	Mild
	Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 602

TRT#: 7

SEX: Male

DAY ON TEST: 402

DOSE: 250 PPM

DISP: Natural Death

HISTO: 34520

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Intestine Large, Colon	* Intestine Large, Rectum
* Islets, Pancreatic	* Kidney	* Larynx	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Skin	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Thymus
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum			

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Minimal
* Heart	Cardiomyopathy	Minimal
* Liver	Hepatocellular Carcinoma	
	Necrosis	Minimal
[Hepatocellular Carcinoma TGLS = 2-10]		
[Necrosis TGLS = 1-4]		
* Lung	Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 1-4]		
* Seminal Vesicle	Inflammation	Moderate
* Spleen	Hematopoietic Cell Proliferation	Mild
	Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Squamous Cell Papilloma	

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

Animal Note: TGL-3=NCL

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 603

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 34521

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
Harderian Gland		Adenoma	
[Adenoma TGLS = 1-10]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Glomerulosclerosis	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 2-3]		Infiltration Cellular	Histiocyte, Moderate
* Spleen		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 604

TRT#: 7

SEX: Male

DAY ON TEST: 694

DOSE: 250 PPM

DISP: Moribund Sacrifice

HISTO: 34522

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Lymph Node, Mediastinal	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Mild
* Bone	Fibrous Osteodystrophy	Minimal
* Bone Marrow	Thrombosis	Mild
* Heart	Cardiomyopathy	Minimal
* Kidney	Hydronephrosis	Moderate
	Inflammation	Chronic Active, Marked
[Hydronephrosis TGLS = 1,2-5]		
* Liver	Inflammation	Mild
* Lung	Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mesenteric	Angiectasis	Mild
	Hyperplasia	Moderate
* Spleen	Hematopoietic Cell Proliferation	Mild
	Pigmentation	Hemosiderin, Mild
* Thyroid Gland	Follicular Cel	Hyperplasia
		Minimal

PRIMARY CAUSE OF DEATH

- Kidney Hydronephrosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 605

TRT#: 7

SEX: Male

DAY ON TEST: 638

DOSE: 250 PPM

DISP: Natural Death

HISTO: 34523

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic	* Larynx
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Nose
* Pancreas	* Pituitary Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland
* Thymus			

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Mineralization	Mild
		Nephropathy	Minimal
* Liver	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
* Prostate	Epithelium	Hyperplasia	Mild
		Inflammation	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:23:33
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 606

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 34524

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Larynx	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mediastinal	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Carcinoma	
Note: TGL 1 is not liver tissue. [Carcinoma TGLS = 1-10]			
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Carcinoma	Metastatic (Islets, Pancreatic)
	Oval Cell	Hyperplasia	Minimal
		Inflammation	Minimal
* Lymph Node, Mesenteric		Hyperplasia	Mild
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Mineralization	Minimal
* Stomach, Glandular		Mineralization	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 606

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 34524

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 607

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 34525

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mediastinal	* Mammary Gland	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
[Eosinophilic Focus TGLS = 2-11]			
[Hepatocellular Adenoma TGLS = 1-10]			
[Hepatocellular Carcinoma TGLS = 2-11]			
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 608

TRT#: 7

SEX: Male

DAY ON TEST: 684

DOSE: 250 PPM

DISP: Moribund Sacrifice

HISTO: 34526

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Pancreas
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Glandular	* Testes	* Trachea
* Urinary Bladder			

MISSING

* Gallbladder	* Lymph Node, Bronchial	* Mammary Gland	* Parathyroid Gland
* Thymus			

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Intestine Small, Duodenum	Epithelium	Hyperplasia	Minimal
		Inflammation	Mild
* Kidney		Glomerulosclerosis	Mild
		Hydronephrosis	Mild
		Nephropathy	Mild
* Larynx		Inflammation	Suppurative, Minimal
* Liver		Hepatocellular Carcinoma	Multiple
	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
	[Hepatocellular Carcinoma TGLS = 1,2,3-10+11+12]		
* Lung		Hematopoietic Cell Proliferation	Marked
* Lymph Node, Mesenteric		Hyperplasia	Mild
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Preputial Gland		Inflammation	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach		Ulcer	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 609

TRT#: 7

SEX: Male

DAY ON TEST: 665

DOSE: 250 PPM

DISP: Natural Death

HISTO: 34527

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Larynx	* Lymph Node, Mediastinal
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Testes	* Thymus
* Thyroid Gland	* Trachea		

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Mammary Gland
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Prostate
* Seminal Vesicle	* Stomach, Glandular	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Mineralization	Mild
* Liver	Kupffer Cell	Hepatocellular Carcinoma	
		Pigmentation	Hemosiderin, Moderate
	[Hepatocellular Carcinoma TGLS = 1-10]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Spleen		Pigmentation	Hemosiderin, Moderate

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 610

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 34528

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Mammary Gland	* Parathyroid Gland
* Thymus			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Epididymis		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 2-7]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
	Kupffer Cell	Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 3-10]		Pigmentation	Hemosiderin, Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 1-3]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach		Squamous Cell Papilloma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 611

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 34529

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Larynx	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-10]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 612

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 34530

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Nose	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Glomerulosclerosis	Minimal
		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Inflammation	Mild
	Kupffer Cell	Pigmentation	Hemosiderin, Mild
	[Hepatocellular Adenoma TGLS = 2-4]		
	[Hepatocellular Carcinoma TGLS = 2-10]		
* Pancreas		Atrophy	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Hemosiderin, Mild
	[Hematopoietic Cell Proliferation TGLS = 1-4]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Ulcer	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 613

TRT#: 7

SEX: Male

DAY ON TEST: 684

DOSE: 250 PPM

DISP: Moribund Sacrifice

HISTO: 34531

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Lung	* Lymph Node, Bronchial	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
[Hepatocellular Adenoma TGLS = 2,3-10+11]			
* Preputial Gland		Inflammation	Mild
* Skin	Prepuce	Inflammation	Chronic Active, Marked
	Prepuce	Ulcer	Moderate
[Inflammation TGLS = 1-7]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

- Skin Prepuce Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 614

TRT#: 7

SEX: Male

DAY ON TEST: 604

DOSE: 250 PPM

DISP: Natural Death

HISTO: 34532

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Intestine Large, Colon	* Intestine Large, Rectum
* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea		

MISSING

* Mammary Gland	* Parathyroid Gland
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Seminal Vesicle	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Glomerulosclerosis	Mild
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Necrosis	Mild
	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
	[Hepatocellular Adenoma TGLS = 2-11]		
	[Hepatocellular Carcinoma TGLS = 1-10]		
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Artery	Inflammation	Mild
Lymph Node	Renal	Hyperplasia	Mild
	[Hyperplasia TGLS = 3-12]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Hemosiderin, Mild
* Thyroid Gland	Follicular Cel	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:23:33
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 614	TRT#: 7	SEX: Male	DAY ON TEST: 604
	DOSE: 250 PPM	DISP: Natural Death	HISTO: 34532

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 4-2]

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 615

TRT#: 7

SEX: Male

DAY ON TEST: 374

DOSE: 250 PPM

DISP: Natural Death

HISTO: 34533

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Mammary Gland
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AUTO PRECLUDES DIAG.

* Intestine Small, Ileum

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
		Necrosis	Minimal
	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
	[Hepatocellular Carcinoma TGLS = 2-10]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 616

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 34534

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
Harderian Gland		Adenoma	
[Adenoma TGLS = 2-11]			
* Heart		Cardiomyopathy	Mild
* Kidney	Cortex	Cyst	Minimal
		Glomerulosclerosis	Minimal
		Inflammation	Chronic Active, Mild
		Nephropathy	Minimal
[Cyst TGLS = 5-5]			
* Liver	Kupffer Cell	Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 4-10]		Pigmentation	Hemosiderin, Minimal
* Prostate		Inflammation	Minimal
* Skin	Prepuce	Inflammation	Chronic Active, Marked
	Prepuce	Ulcer	Moderate
[Inflammation TGLS = 3-7]			
* Spleen		Hematopoietic Cell Proliferation	Marked
		Pigmentation	Hemosiderin, Mild
* Urinary Bladder		Inflammation	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:23:33
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 616	TRT#: 7 DOSE: 250 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 34534
ORGAN AND ACCOUNTABLE SITE STATUS			
	Transit Epithe	Ulcer	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 617

TRT#: 7

SEX: Male

DAY ON TEST: 73

DOSE: 250 PPM

DISP: Moribund Sacrifice

HISTO: 34535

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Epididymis
* Intestine Large, Cecum
* Intestine Small, Ileum
* Larynx
* Lymph Node, Mandibular
* Pancreas
* Prostate
* Stomach, Forestomach
* Trachea

* Adrenal Medulla
* Esophagus
* Intestine Large, Colon
* Intestine Small, Jejunum
* Liver
* Lymph Node, Mediastinal
* Parathyroid Gland
* Salivary Glands
* Stomach, Glandular
* Urinary Bladder

* Bone
* Gallbladder
* Intestine Large, Rectum
* Islets, Pancreatic
* Lung
* Lymph Node, Mesenteric
* Pituitary Gland
* Seminal Vesicle
* Thymus

* Bone Marrow
* Heart
* Intestine Small, Duodenum
* Kidney
* Lymph Node, Bronchial
* Nose
* Preputial Gland
* Skin
* Thyroid Gland

MISSING

* Mammary Gland

OBSERVATIONS

* Brain
* Spleen
* Testes

Vacuolization Cytoplasmic
Hematopoietic Cell Proliferation
Atrophy

Mild
Minimal
Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 618

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 34536

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Gallbladder	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
		Hyperplasia	Mild
		Hypertrophy	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney	Cortex	Cyst	Mild
		Nephropathy	Minimal
* Liver	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
* Pancreas		Atrophy	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 619

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 34537

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
		Hypertrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 620

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 34538

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland	* Preputial Gland
* Prostate	* Seminal Vesicle	* Skin	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Epididymis		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 1-4]			
* Nose		Inflammation	Suppurative, Minimal
* Salivary Glands		Inflammation	Minimal
* Spleen		Pigmentation	Hemosiderin, Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 621

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 34539

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lung	* Pancreas
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Parathyroid Gland	* Prostate	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Hydronephrosis	Minimal
		Inflammation	Chronic Active, Mild
		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	
	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
[Hepatocellular Adenoma TGLS = 3-4]			
* Nose	Glands	Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Skin	Prepuce	Inflammation	Chronic Active, Marked
	Prepuce	Ulcer	Moderate
[Inflammation TGLS = 1-7]			
* Spleen		Hematopoietic Cell Proliferation	Marked
		Pigmentation	Hemosiderin, Mild
[Hematopoietic Cell Proliferation TGLS = 2-4]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 621	TRT#: 7 DOSE: 250 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 34539
ORGAN AND ACCOUNTABLE SITE STATUS			
* Urinary Bladder	Transit Epithe	Inflammation Ulcer	Marked Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 622

TRT#: 7

SEX: Male

DAY ON TEST: 670

DOSE: 250 PPM

DISP: Moribund Sacrifice

HISTO: 34540

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Pituitary Gland	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea			

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Hydronephrosis	Mild
		Inflammation	Moderate
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Minimal
[Hydronephrosis TGLS = 2-5]			
* Liver		Hematopoietic Cell Proliferation	Mild
	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
* Preputial Gland		Inflammation	Minimal
* Prostate		Inflammation	Mild
* Skin	Prepuce	Inflammation	Chronic Active, Marked
	Prepuce	Ulcer	Moderate
[Inflammation TGLS = 1,3-7+10]			
* Spleen		Hematopoietic Cell Proliferation	Marked
		Pigmentation	Hemosiderin, Mild
* Urinary Bladder		Inflammation	Marked

PRIMARY CAUSE OF DEATH - Skin Prepuce Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 622

TRT#: 7

SEX: Male

DAY ON TEST: 670

DOSE: 250 PPM

DISP: Moribund Sacrifice

HISTO: 34540

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 623

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 34541

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Nose
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Gallbladder	* Intestine Small, Duodenum	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-10]			
* Lung	Alveolar Epith	Hyperplasia	Marked
* Lymph Node, Mandibular		Hyperplasia	Moderate
* Lymph Node, Mesenteric		Hyperplasia	Mild
* Pancreas		Atrophy	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Lymphoid, Mild
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 624

TRT#: 7

DOSE: 250 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 730

HISTO: 34542

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Bone Marrow		Hemangiosarcoma	
* Epididymis		Leiomyoma	
* Heart		Cardiomyopathy	Minimal
* Kidney		Glomerulosclerosis	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hemangiosarcoma	
	Oval Cell	Hyperplasia	Minimal
		Karyomegaly	Minimal
	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
[Hemangiosarcoma TGLS = 2-4]			
* Lung		Hemorrhage	Minimal
* Preputial Gland		Inflammation	Moderate
* Spleen		Hemangiosarcoma	
		Hematopoietic Cell Proliferation	Moderate
[Hemangiosarcoma TGLS = 1-4]			
[Hematopoietic Cell Proliferation TGLS = 1-4]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:23:33
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 624

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 34542

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 625

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 34543

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Brain	* Epididymis
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Adrenal Medulla	* Lymph Node, Mandibular	* Mammary Gland	* Thymus
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OBSERVATIONS

* Bone Marrow	Hyperplasia	Mild
* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Eosinophilic Focus	
* Preputial Gland	Inflammation	Marked
[Inflammation TGLS = 1-7]		
* Spleen	Hematopoietic Cell Proliferation	Mild
	Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 626

TRT#: 7

SEX: Male

DAY ON TEST: 694

DOSE: 250 PPM

DISP: Moribund Sacrifice

HISTO: 34544

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lung	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney	Cortex	Cyst	Minimal
		Nephropathy	Minimal
[Cyst TGLS = 4-5]			
* Liver	Bile Duct	Basophilic Focus	
		Cyst	Mild
		Eosinophilic Focus	
	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
[Basophilic Focus TGLS = 3-4]			
[Cyst TGLS = 3-4]			
[Eosinophilic Focus TGLS = 2-4]			
* Skin	Prepuce	Inflammation	Chronic Active, Moderate
	Prepuce	Ulcer	Minimal
[Inflammation TGLS = 1-7]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 627

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 34545

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	
	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
[Eosinophilic Focus TGLS = 2-11]			
[Hepatocellular Adenoma TGLS = 1-10]			
* Spleen		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 628

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 34546

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney	Cortex	Cyst	Mild
		Nephropathy	Minimal
* Liver	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLS = 1-3]		
* Preputial Gland		Inflammation	Moderate
* Skin	Prepuce	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Testes		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 629

TRT#: 7

SEX: Male

DAY ON TEST: 614

DOSE: 250 PPM

DISP: Moribund Sacrifice

HISTO: 34547

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Thymus
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OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Necrosis	Mild
	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
	[Hepatocellular Adenoma TGLS = 2-11]		
	[Hepatocellular Carcinoma TGLS = 1-10]		
	[Necrosis TGLS = 3-12]		
* Lung		Hemorrhage	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Hemosiderin, Minimal

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 630

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 34548

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
[Hepatocellular Adenoma TGLS = 2-4]			
* Lung		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 631

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 34549

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Necrosis	Minimal
	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
* Spleen		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 633

TRT#: 7

SEX: Male

DAY ON TEST: 442

DOSE: 250 PPM

DISP: Natural Death

HISTO: 34551

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Colon
* Islets, Pancreatic	* Kidney	* Larynx	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Pituitary Gland	* Preputial Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Mammary Gland	* Parathyroid Gland
* Thymus			

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Prostate	

OBSERVATIONS

* Heart	Cardiomyopathy	Minimal
* Liver	Basophilic Focus	
	Hepatocellular Adenoma	
	Hepatocellular Carcinoma	
[Hepatocellular Adenoma TGLS = 2-11]		
[Hepatocellular Carcinoma TGLS = 1-10]		
* Seminal Vesicle	Inflammation	Mild
* Spleen	Hematopoietic Cell Proliferation	Mild
	Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 634

TRT#: 7

SEX: Male

DAY ON TEST: 711

DOSE: 250 PPM

DISP: Natural Death

HISTO: 34552

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mediastinal
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Gallbladder	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
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AUTO PRECLUDES DIAG.

* Intestine Small, Jejunum

OBSERVATIONS

* Heart	Atrium	Cardiomyopathy	Minimal
		Thrombosis	Moderate
* Kidney		Nephropathy	Minimal
* Liver	Kupffer Cell	Hepatocellular Carcinoma	Multiple
		Pigmentation	Hemosiderin, Minimal
	[Hepatocellular Carcinoma TGLS = 1,2-4+10]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 635

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 34553

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
		Hyperplasia	Mild
		Hypertrophy	Minimal
* Epididymis		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
	[Eosinophilic Focus TGLS = 1-4]		
* Lung	Alveolar Epith	Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 2-3]	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 636

TRT#: 7

SEX: Male

DAY ON TEST: 454

DOSE: 250 PPM

DISP: Natural Death

HISTO: 34554

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Intestine Large, Colon	* Larynx
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Nose	* Parathyroid Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Skin	* Testes	* Thymus
* Thyroid Gland	* Trachea		

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Pituitary Gland
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Pancreas
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Urinary Bladder

OBSERVATIONS

* Bone Marrow	Hemangiosarcoma	
* Heart	Hemangiosarcoma	
* Kidney	Glomerulosclerosis	Mild
* Liver	Hemangiosarcoma	
[Hemangiosarcoma TGLS = 1,2,3-4+10]		
* Spleen	Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH - Liver Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 637

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 34555

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
	Oval Cell	Hyperplasia	Minimal
		Necrosis	Minimal
	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
[Eosinophilic Focus TGLS = 2-10]			
[Hepatocellular Carcinoma TGLS = 2-10]			
* Lung	Alveolar Epith	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Stomach, Glandular	Epithelium	Hyperplasia	Minimal
* Testes	Interstitial Cell	Adenoma	
		Atrophy	Mild
[Adenoma TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 638

TRT#: 7

SEX: Male

DAY ON TEST: 368

DOSE: 250 PPM

DISP: Natural Death

HISTO: 34556

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Islets, Pancreatic	* Kidney	* Larynx	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Liver	Hepatocellular Adenoma	
	Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLS = 2-4]	
	[Hepatocellular Carcinoma TGLS = 1-4+10]	
* Spleen	Hematopoietic Cell Proliferation	Mild
	Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 639

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 34557

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Epididymis		Hyperplasia	Mild
		Inflammation	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hemangiosarcoma	
		Hepatocellular Carcinoma	
		Inflammation	Minimal
	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
	[Hemangiosarcoma TGLS = 3-10]		
	[Hepatocellular Carcinoma TGLS = 4-11]		
* Skin	Prepuce	Inflammation	Chronic Active, Marked
	Prepuce	Ulcer	Mild
	[Inflammation TGLS = 2-12]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Hemosiderin, Mild
	[Hematopoietic Cell Proliferation TGLS = 1-4]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 640

TRT#: 7

SEX: Male

DAY ON TEST: 312

DOSE: 250 PPM

DISP: Natural Death

HISTO: 34558

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic	* Kidney
* Larynx	* Lung	* Lymph Node, Bronchial	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea			

MISSING

* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Mammary Gland	* Parathyroid Gland
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Urinary Bladder			

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1-4+10]			
* Spleen		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Ulcer	Mild

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 641

TRT#: 7

SEX: Male

DAY ON TEST: 702

DOSE: 250 PPM

DISP: Moribund Sacrifice

HISTO: 34559

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Skin	* Stomach, Forestomach
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney	Cortex	Cyst	Mild
		Nephropathy	Minimal
[Cyst TGLS = 3-5]			
* Liver	Kupffer Cell	Histiocytic Sarcoma	
		Pigmentation	Hemosiderin, Minimal
[Histiocytic Sarcoma TGLS = 1,2-4+10]			
* Lung		Histiocytic Sarcoma	
* Seminal Vesicle		Inflammation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Minimal
* Stomach, Glandular		Mineralization	Minimal

PRIMARY CAUSE OF DEATH - Liver Histiocytic Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 642

TRT#: 7

SEX: Male

DAY ON TEST: 629

DOSE: 250 PPM

DISP: Moribund Sacrifice

HISTO: 34560

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Larynx
* Lymph Node, Mandibular	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Skin	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	

MISSING

* Lymph Node, Bronchial	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex [Histiocytic Sarcoma TGLS = 7-6]	Histiocytic Sarcoma	
* Bone Marrow	Histiocytic Sarcoma	
* Epididymis	Histiocytic Sarcoma	
* Heart	Cardiomyopathy	Minimal
* Intestine Small, Jejunum [Histiocytic Sarcoma TGLS = 7-6]	Histiocytic Sarcoma	
* Kidney [Histiocytic Sarcoma TGLS = 3-5]	Histiocytic Sarcoma Nephropathy	Minimal
* Liver [Hepatocellular Carcinoma TGLS = 5-4] [Histiocytic Sarcoma TGLS = 4-4]	Hepatocellular Carcinoma Histiocytic Sarcoma	
* Lung	Hemorrhage	Minimal
* Lymph Node, Mediastinal [Histiocytic Sarcoma TGLS = 1-2]	Histiocytic Sarcoma	
* Lymph Node, Mesenteric [Histiocytic Sarcoma TGLS = 7-6]	Histiocytic Sarcoma	
Mesentery [Histiocytic Sarcoma TGLS = 6-10]	Histiocytic Sarcoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:23:33
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 642	TRT#: 7 DOSE: 250 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 629 HISTO: 34560
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ORGAN AND ACCOUNTABLE SITE STATUS

* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Pancreas [Histiocytic Sarcoma TGLS = 6-10]		Histiocytic Sarcoma	
* Seminal Vesicle [Histiocytic Sarcoma TGLS = 6-10]		Histiocytic Sarcoma	
* Spleen [Hematopoietic Cell Proliferation TGLS = 2-4] [Histiocytic Sarcoma TGLS = 6-10]		Hematopoietic Cell Proliferation Histiocytic Sarcoma Pigmentation	Marked Hemosiderin, Minimal
* Stomach, Forestomach [Histiocytic Sarcoma TGLS = 7-6]	Epithelium	Histiocytic Sarcoma Hyperplasia	Minimal
* Thymus [Histiocytic Sarcoma TGLS = 2-4]		Histiocytic Sarcoma	
* Urinary Bladder [Histiocytic Sarcoma TGLS = 2-4]		Histiocytic Sarcoma	

PRIMARY CAUSE OF DEATH - Spleen Histiocytic Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 643

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 34561

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Liver	* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mesenteric	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Mild
* Heart		Cardiomyopathy	Minimal
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Preputial Gland		Ectasia	Marked
		Inflammation	Minimal
[Ectasia TGLS = 1-7]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 644

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 34562

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Intestine Large, Rectum	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Mammary Gland
* Thymus			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney	Cortex	Cyst	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		[Eosinophilic Focus TGLS = 1-11]	
		[Hepatocellular Adenoma TGLS = 1-11]	
* Lung		Alveolar/Bronchiolar Adenoma	
		[Alveolar/Bronchiolar Adenoma TGLS = 2-10]	
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Testes	Interstit Cell	Adenoma	
		[Adenoma TGLS = 3-7]	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 645

TRT#: 7

SEX: Male

DAY ON TEST: 623

DOSE: 250 PPM

DISP: Natural Death

HISTO: 34563

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Colon
* Intestine Large, Rectum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	

MISSING

* Lymph Node, Mediastinal	* Mammary Gland
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum			

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Inflammation	Chronic Active, Marked
[Inflammation TGLS = 1,2-5]			
* Liver		Hepatocellular Adenoma	
		Necrosis	Minimal
	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
* Preputial Gland		Inflammation	Minimal
* Prostate		Inflammation	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Thymus		Atrophy	Marked
* Urinary Bladder	Transit Epithe	Hyperplasia	Moderate
		Inflammation	Moderate

PRIMARY CAUSE OF DEATH

- Kidney Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 646

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 34564

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Inflammation	Minimal
	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
[Eosinophilic Focus TGLS = 1-4]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Nose		Inflammation	Suppurative, Minimal
* Spleen		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 647

TRT#: 7

SEX: Male

DAY ON TEST: 663

DOSE: 250 PPM

DISP: Natural Death

HISTO: 34565

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	Multiple
		Inflammation	Mild
	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
	[Hepatocellular Carcinoma TGLS = 1,2-4+10+11]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 3-3]		
* Pancreas		Cytoplasmic Alteration	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Testes		Atrophy	Minimal

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 648

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 34566

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mediastinal	* Mammary Gland	* Pituitary Gland	* Prostate
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Epididymis		Inflammation	Minimal
* Heart		Cardiomyopathy	Mild
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Moderate
[Hyperplasia TGLS = 4-6]			
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		Necrosis	Minimal
	Kupffer Cell	Pigmentation	Hemosiderin, Mild
[Hepatocellular Adenoma TGLS = 1-11]			
[Hepatocellular Carcinoma TGLS = 2,3-10+12]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	Alveolar Epith	Hyperplasia	Mild
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Skin	Prepuce	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Hemosiderin, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:23:33
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 648	TRT#: 7 DOSE: 250 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 34566
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ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach [Hyperplasia TGLS = 5-8+13]	Epithelium	Hyperplasia	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 649

TRT#: 7

SEX: Male

DAY ON TEST: 670

DOSE: 250 PPM

DISP: Moribund Sacrifice

HISTO: 34567

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Nose	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney	Capsule	Inflammation	Mild
		Nephropathy	Mild
[Inflammation TGLS = 3-5]			
* Liver		Hemangiosarcoma	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	Kupffer Cell	Pigmentation	Hemosiderin, Mild
Note: TGL 4 is liver, not lymph node.			
[Hemangiosarcoma TGLS = 2-4]			
[Hepatocellular Adenoma TGLS = 4-12]			
[Hepatocellular Carcinoma TGLS = 2-10]			
* Pancreas		Atrophy	Minimal
* Skin	Prepuce	Inflammation	Chronic Active, Marked
	Prepuce	Ulcer	Mild
[Inflammation TGLS = 1-11]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Hemosiderin, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:23:33
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 649

TRT#: 7

SEX: Male

DAY ON TEST: 670

DOSE: 250 PPM

DISP: Moribund Sacrifice

HISTO: 34567

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Liver Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 650

TRT#: 7

SEX: Male

DAY ON TEST: 596

DOSE: 250 PPM

DISP: Natural Death

HISTO: 34568

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Pituitary Gland	* Salivary Glands
* Testes	* Thymus	* Thyroid Gland	

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland	* Preputial Gland
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Liver	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Prostate	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Hydronephrosis	Moderate
[Hydronephrosis TGLS = 2-5]			
* Skin	Prepuce	Inflammation	Chronic Active, Marked
	Prepuce	Ulcer	Moderate
[Inflammation TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

- Skin Prepuce Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 101

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 34469

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mediastinal

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
Harderian Gland		Adenoma	
[Adenoma TGLS = 1-10]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Glomerulosclerosis	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 5-11]		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 4-4]			
* Lymph Node, Bronchial		Hyperplasia	Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 3-4]			
* Thymus		Hyperplasia	Lymphoid, Marked
* Uterus		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 2-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 102

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 34470

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Liver	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Clitoral Gland

OBSERVATIONS

* Bone	Fibrous Osteodystrophy	Mild
* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Minimal
* Lung	Alveolar/Bronchiolar Adenoma	
* Spleen	Hyperplasia	Lymphoid, Mild
	Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 103

TRT#: 2

SEX: Female

DAY ON TEST: 590

DOSE: CONTROL

DISP: Natural Death

HISTO: 34471

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Islets, Pancreatic	* Kidney	* Larynx
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	* Uterus

MISSING

* Lymph Node, Mandibular	* Pancreas	* Parathyroid Gland
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Stomach, Glandular	* Urinary Bladder	

OBSERVATIONS

* Heart	Cardiomyopathy	Minimal
* Liver	Hepatocellular Adenoma	Multiple

[Hepatocellular Adenoma TGLS = 1,2-4+10]

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 104

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 34472

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
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OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Intestine Large, Cecum	Epithelium	Hyperplasia	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
		[Eosinophilic Focus TGLS = 6-12]	
		[Hepatocellular Carcinoma TGLS = 2-13]	
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		[Alveolar/Bronchiolar Adenoma TGLS = 3,5-10+11]	
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Respirat Epith	Degeneration	Hyaline, Minimal
		Inflammation	Suppurative, Minimal
* Ovary		Cyst	Moderate
		[Cyst TGLS = 1-7]	
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
		[Hematopoietic Cell Proliferation TGLS = 4-4]	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 105

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 34473

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
Mesentery	* Ovary	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Clitoral Gland	* Parathyroid Gland
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OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
Lymph Node	Iliac	Hyperplasia	Mild
[Hyperplasia TGLS = 2-11]			
* Lymph Node, Bronchial		Lymphoma Malignant	
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
		Inflammation	Chronic Active, Minimal
* Pancreas		Cytoplasmic Alteration	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Lymphoma Malignant	
* Thymus		Lymphoma Malignant	
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Angiectasis	Minimal
		Hydrometra	Moderate
[Hydrometra TGLS = 1-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 106

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 34474

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Clitoral Gland	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Parathyroid Gland			

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
* Liver	Bile Duct	Cyst	Mild
		Hepatocellular Adenoma	Multiple
		Inflammation	Minimal
			[Cyst TGLS = 6-4]
			[Hepatocellular Adenoma TGLS = 2,3,4,5-4+10+11+12]
* Lung		Hemorrhage	Minimal
* Ovary		Angiectasis	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Hemosiderin, Minimal
			[Hematopoietic Cell Proliferation TGLS = 1-4]
* Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 107

TRT#: 2

SEX: Female

DAY ON TEST: 700

DOSE: CONTROL

DISP: Moribund Sacrifice

HISTO: 34475

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Liver	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Heart	Cardiomyopathy	Minimal
* Lung	Hemorrhage	Minimal
* Spleen	Pigmentation	Hemosiderin, Minimal
* Stomach, Forestomach	Hemangioma	
[Hemangioma TGLS = 1-8]		

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 108

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 621

HISTO: 34476

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mediastinal

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Glomerulosclerosis	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
	[Hepatocellular Adenoma TGLS = 3-4]		
	[Hepatocellular Carcinoma TGLS = 3,4,5-4+10+11]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	[Hepatocellular Carcinoma TGLS = 1-3]		
* Nose	Olfactory Epi	Atrophy	Minimal
	Olfactory Epi	Degeneration	Hyaline, Minimal
	Respirat Epith	Degeneration	Hyaline, Minimal
* Ovary		Cyst	Moderate
	[Cyst TGLS = 2-7]		
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 109

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 34477

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Mammary Gland	* Ovary	* Pancreas
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mediastinal	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 1-4]			
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
[Alveolar/Bronchiolar Adenoma TGLS = 2,3-10+11]			
* Lymph Node, Mesenteric		Hyperplasia	Mild
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Respirat Epith	Degeneration	Hyaline, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hyperplasia	Lymphoid, Mild
		Pigmentation	Hemosiderin, Minimal
[Hyperplasia TGLS = 4-4]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 110

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 34478

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Heart		Cardiomyopathy	Mild
* Intestine Small, Duodenum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-12]			
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 3,4-4+10]			
* Lymph Node, Bronchial		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-11]			
* Lymph Node, Mediastinal		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-2]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-11]			
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Ovary		Angiectasis	Moderate
		Thrombosis	Marked
[Thrombosis TGLS = 7-7]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:23:33
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 111

TRT#: 2
DOSE: CONTROL

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST: 521
HISTO: 34479

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland	* Salivary Glands	* Thymus
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OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Minimal
* Mammary Gland		Hyperplasia	Minimal
Mesentery	Fat	Necrosis	Marked
		Sarcoma	Metastatic (Skin)
[Necrosis TGLS = 4-12]			
* Ovary		Cyst	Minimal
[Cyst TGLS = 3-7]			
* Skin	Subcut Tiss	Sarcoma	Multiple
[Sarcoma TGLS = 1,2-10+11]			
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH - Skin Subcut Tiss Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 112

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 34480

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 3-4]		
* Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Hyperplasia	Minimal
	[Alveolar/Bronchiolar Adenoma TGLS = 1-3]		
* Ovary		Cystadenoma	
	[Cystadenoma TGLS = 2-7]		
* Spleen		Hyperplasia	Lymphoid, Mild
		Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 113

TRT#: 2

SEX: Female

DAY ON TEST: 733

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 34481

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Liver	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Gallbladder	* Thymus
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Bone		Fibrous Osteodystrophy	Minimal
Harderian Gland		Adenoma	
[Adenoma TGLS = 1-10]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Lung		Hemorrhage	Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Respirat Epith	Degeneration	Hyaline, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 114

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 34482

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Moderate
* Larynx	Squam Epithel	Hyperplasia	Minimal
* Liver		Hepatocellular Carcinoma	
		Necrosis	Minimal
	[Hepatocellular Carcinoma TGLS = 1-10]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
* Spleen		Hemangiosarcoma	
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 115

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 34483

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 2-4]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 2-4]	Hemorrhage	Minimal
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Ovary		Inflammation	Marked
	[Inflammation TGLS = 1-7]		
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hyperplasia	Lymphoid, Mild
		Pigmentation	Hemosiderin, Minimal
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 116

TRT#: 2

SEX: Female

DAY ON TEST: 577

DOSE: CONTROL

DISP: Natural Death

HISTO: 34484

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	* Uterus

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Stomach, Glandular	* Urinary Bladder	

OBSERVATIONS

* Heart	Cardiomyopathy	Minimal
* Kidney	Hepatocholangiocarcinoma	Metastatic (Liver)
Note: TGL 4 is in and on kidney. Cannot see adrenals. [Hepatocholangiocarcinoma TGLS = 4-11]		
* Liver	Hepatocholangiocarcinoma	
[Hepatocholangiocarcinoma TGLS = 3-10]		
* Lung	Hepatocholangiocarcinoma	Metastatic (Liver)
[Hepatocholangiocarcinoma TGLS = 2-3]		
* Lymph Node, Mesenteric	Hepatocholangiocarcinoma	Metastatic (Liver)
[Hepatocholangiocarcinoma TGLS = 5-12]		

PRIMARY CAUSE OF DEATH

- Liver Hepatocholangiocarcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 117

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 34485

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mediastinal	* Parathyroid Gland
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OBSERVATIONS

* Bone	Fibrous Osteodystrophy	Minimal
* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Basophilic Focus	
	Hepatocellular Adenoma	
[Basophilic Focus TGLS = 2-10]		
[Hepatocellular Adenoma TGLS = 2-10]		
* Lung	Alveolar/Bronchiolar Adenoma	
	Infiltration Cellular	Histiocyte, Moderate
[Alveolar/Bronchiolar Adenoma TGLS = 1-3]		
* Ovary	Cyst	Minimal
* Spleen	Hematopoietic Cell Proliferation	Mild
	Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Erosion	Minimal
	Epithelium	Mild
* Thyroid Gland	Follicular Cel	Mild
	Hyperplasia	
	Hyperplasia	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 118

TRT#: 2

SEX: Female

DAY ON TEST: 645

DOSE: CONTROL

DISP: Moribund Sacrifice

HISTO: 34486

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Clitoral Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Mild
		Necrosis	Minimal
* Lung	Mediastinum	Sarcoma	Metastatic (Skin)
		Sarcoma	Metastatic (Skin)
Lymph Node	Renal	Sarcoma	Metastatic (Skin)
		Sarcoma	Metastatic (Skin)
		[Sarcoma TGLS = 3-11, 6-13]	
		[Sarcoma TGLS = 4-12]	
* Lymph Node, Bronchial		Hematopoietic Cell Proliferation	Mild
* Lymph Node, Mediastinal		Hyperplasia	Mild
* Lymph Node, Mesenteric		Sarcoma	Metastatic (Skin)
		[Sarcoma TGLS = 7-6]	
Mesentery		Sarcoma	Metastatic (Skin)
		[Sarcoma TGLS = 2-10]	
* Skin	Subcut Tiss	Sarcoma	
		[Sarcoma TGLS = 5-14]	
* Spleen		Hematopoietic Cell Proliferation	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:23:33
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 118

TRT#: 2
DOSE: CONTROL

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST: 645
HISTO: 34486

ORGAN AND ACCOUNTABLE SITE STATUS

[Hematopoietic Cell Proliferation TGLS = 1-4]

* Thymus Atrophy Mild

PRIMARY CAUSE OF DEATH - Skin Subcut Tiss Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 119

TRT#: 2

SEX: Female

DAY ON TEST: 561

DOSE: CONTROL

DISP: Moribund Sacrifice

HISTO: 34487

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Bone | * Bone Marrow |
| * Brain | * Clitoral Gland | * Esophagus | * Gallbladder |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney |
| * Larynx | * Liver | * Lung | * Lymph Node, Bronchial |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland | * Nose |
| * Pancreas | * Pituitary Gland | * Salivary Glands | * Skin |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | * Uterus | |

MISSING

- | | |
|---------------------------|---------------------|
| * Lymph Node, Mediastinal | * Parathyroid Gland |
|---------------------------|---------------------|

OBSERVATIONS

- | | | |
|----------------------|-----------------------------|-------------------------------------|
| * Heart | Cardiomyopathy | Minimal |
| * Ovary | Cyst | Marked |
| [Cyst TGLS = 1-10] | | |
| * Spleen | Hyperplasia
Pigmentation | Lymphoid, Mild
Hemosiderin, Mild |

PRIMARY CAUSE OF DEATH

- Ovary Cyst

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 120

TRT#: 2

SEX: Female

DAY ON TEST: 725

DOSE: CONTROL

DISP: Accidentally Killed

HISTO: 34488

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
	Maxilla	Fracture	
	[Fracture TGLS = 5-9]		
* Brain		Hemorrhage	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Degeneration	Fatty, Minimal
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLS = 2,3-10+11]		
	[Hepatocellular Carcinoma TGLS = 4-12]		
* Lung		Hemorrhage	Minimal
* Nose		Inflammation	Suppurative, Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Uterus		Angiectasis	Moderate
		Thrombosis	Marked
	[Angiectasis TGLS = 1-8]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:23:33
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 120

TRT#: 2

SEX: Female

DAY ON TEST: 725

DOSE: CONTROL

DISP: Accidentally Killed

HISTO: 34488

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Bone Maxilla Fracture

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 121

TRT#: 2

SEX: Female

DAY ON TEST: 565

DOSE: CONTROL

DISP: Moribund Sacrifice

HISTO: 34489

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Liver	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
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OBSERVATIONS

* Brain		Necrosis	Minimal
* Kidney		Glomerulosclerosis	Minimal
		Nephropathy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Marked
[Hyperplasia TGLS = 2-8]		Ulcer	Moderate

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 122

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 34490

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mediastinal	* Parathyroid Gland
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OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Spleen		Pigmentation	Hemosiderin, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 123

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 34491

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Liver	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Lung		Hemorrhage	Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Respirat Epith	Degeneration	Hyaline, Minimal
* Spleen		Hyperplasia	Lymphoid, Mild
		Pigmentation	Hemosiderin, Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 124

TRT#: 2

SEX: Female

DAY ON TEST: 733

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 34492

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mediastinal

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Liver		Hepatocholangiocarcinoma	
	[Hepatocholangiocarcinoma TGLS = 2-10]		
Mesentery	Fat	Necrosis	Moderate
	[Necrosis TGLS = 1-11]		
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Ovary		Cyst	Minimal
* Pancreas		Atrophy	Mild
* Spleen		Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 125

TRT#: 2

SEX: Female

DAY ON TEST: 721

DOSE: CONTROL

DISP: Natural Death

HISTO: 34493

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Mammary Gland	* Nose	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Uterus			

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Duodenum
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Bone		Fibrous Osteodystrophy	Minimal
* Brain		Lymphoma Malignant	
* Kidney		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Mild
* Lung		Lymphoma Malignant	
* Lymph Node, Bronchial		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-10]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-10]			
* Lymph Node, Mediastinal		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-10]			
* Ovary		Cystadenoma	
* Pancreas		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-10]			
* Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-10]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 125

TRT#: 2

SEX: Female

DAY ON TEST: 721

DOSE: CONTROL

DISP: Natural Death

HISTO: 34493

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder

Lymphoma Malignant

[Lymphoma Malignant TGLS = 2-10]

PRIMARY CAUSE OF DEATH

- Urinary Bladder Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 126

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 689

HISTO: 34494

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Clitoral Gland	* Lymph Node, Mandibular	* Parathyroid Gland	* Salivary Glands
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OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
		Hemangiosarcoma	
* Bone Marrow		Hemangiosarcoma	
* Brain	Meninges	Infiltration Cellular	Mononuclear CI, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-11]			
Skeletal Muscle		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 3-10+12]			
* Skin		Inflammation	Chronic Active, Marked
[Inflammation TGLS = 1-7]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Skeletal Muscle Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 127

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 34495

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone	Fibrous Osteodystrophy	Minimal
Harderian Gland	Adenoma	
[Adenoma TGLS = 1-10]		
* Heart	Cardiomyopathy	Minimal
* Kidney	Metaplasia	Osseous, Minimal
* Spleen	Pigmentation	Hemosiderin, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 128

TRT#: 2

SEX: Female

DAY ON TEST: 713

DOSE: CONTROL

DISP: Moribund Sacrifice

HISTO: 34496

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Liver	* Lymph Node, Bronchial	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Clitoral Gland	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
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OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Brain		Carcinoma	Metastatic (Pituitary Gland)
* Heart		Cardiomyopathy	Minimal
* Kidney		Glomerulosclerosis	Minimal
		Nephropathy	Minimal
* Lung		Infiltration Cellular	Histiocyte, Mild
	Perivascular	Inflammation	Mild
* Mammary Gland		Hyperplasia	Mild
* Ovary		Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Carcinoma	
[Carcinoma TGLS = 1-8]			
* Spleen		Pigmentation	Hemosiderin, Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 129

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 34497

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Larynx	* Lymph Node, Mandibular	* Mammary Gland
* Ovary	* Pancreas	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Parathyroid Gland
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OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
Eye	Cornea	Inflammation	Chronic, Mild
[Inflammation TGLS = 2-10]			
Harderian Gland		Carcinoma	
[Carcinoma TGLS = 1-10]			
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Marked
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Marked
		Pigmentation	Hemosiderin, Marked
Mesentery		Hemangioma	
[Hemangioma TGLS = 4-11]			
* Nose	Olfactory Epi	Atrophy	Mild
	Olfactory Epi	Degeneration	Hyaline, Mild
	Respirat Epith	Degeneration	Hyaline, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Intermed	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:23:33
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 129

TRT#: 2
DOSE: CONTROL

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 732
HISTO: 34497

ORGAN AND ACCOUNTABLE SITE STATUS

[Hematopoietic Cell Proliferation TGLS = 3-4]

* Thyroid Gland

Follicular Cel

Pigmentation

Hemosiderin, Mild

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 130

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 34498

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mediastinal

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Larynx	Squam Epithel	Hyperplasia	Minimal
* Pancreas		Atrophy	Minimal
* Spleen		Pigmentation	Hemosiderin, Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 131

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Natural Death

DAY ON TEST: 730

HISTO: 34499

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Heart	* Intestine Large, Rectum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea		

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Amyloid Deposition	Minimal
* Bone		Fibrous Osteodystrophy	Mild
		Osteosarcoma	
	[Osteosarcoma TGLS = 3-10]		
* Larynx		Inflammation	Suppurative, Minimal
* Liver		Eosinophilic Focus	
		Osteosarcoma	Metastatic (Bone)
	[Eosinophilic Focus TGLS = 3-10]		
	[Osteosarcoma TGLS = 4-4]		
* Lung	Mediastinum	Osteosarcoma	Metastatic (Bone)
		Osteosarcoma	Metastatic (Bone)
	[Osteosarcoma TGLS = 5-3]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Hemosiderin, Minimal
	[Hematopoietic Cell Proliferation TGLS = 2-4]		
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Inflammation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:23:33
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 131

TRT#: 2
DOSE: CONTROL

SEX: Female
DISP: Natural Death

DAY ON TEST: 730
HISTO: 34499

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Lung Osteosarcoma Bone

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 132

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 572

HISTO: 34500

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Minimal
* Lung		Hemorrhage	Minimal
		Lymphoma Malignant	
[Hemorrhage TGLS = 8-3]			
Lymph Node	Iliac	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-11]			
[Lymphoma Malignant TGLS = 5-13]			
* Lymph Node, Bronchial		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-6+12]			
* Lymph Node, Mediastinal		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-2]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-6+12]			
* Ovary		Hemangioma	
[Hemangioma TGLS = 2-7]			
* Skin	Pinna	Inflammation	Chronic, Marked
[Inflammation TGLS = 7-14]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:23:33
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 132

TRT#: 2
DOSE: CONTROL

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST: 572
HISTO: 34500

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen
[Lymphoma Malignant TGLS = 3-10]

Lymphoma Malignant

* Uterus

Hyperplasia

Cystic, Moderate

PRIMARY CAUSE OF DEATH

- Lymph Node, Mesenteric Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 133

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 34501

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
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OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Bone		Fibrous Osteodystrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2-11]			
* Lung		Hemorrhage	Minimal
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-10]			
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Stomach, Glandular	Epithelium	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 134

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 34502

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone	Fibrous Osteodystrophy	Mild
* Heart	Cardiomyopathy	Minimal
	Lymphoma Malignant	
* Kidney	Nephropathy	Minimal
* Liver	Eosinophilic Focus	
	Lymphoma Malignant	
	[Eosinophilic Focus TGLS = 2-4]	
	[Lymphoma Malignant TGLS = 2-4]	
* Lymph Node, Mandibular	Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 1-10]	
* Lymph Node, Mesenteric	Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 1-10]	
* Spleen	Hematopoietic Cell Proliferation	Mild
	Lymphoma Malignant	
	Pigmentation	Hemosiderin, Mild
	[Lymphoma Malignant TGLS = 1-10]	
* Thymus	Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 1-10]	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 134

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 34502

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 135

TRT#: 2

SEX: Female

DAY ON TEST: 611

DOSE: CONTROL

DISP: Moribund Sacrifice

HISTO: 34503

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Liver	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Uterus			

MISSING

* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Heart	Cardiomyopathy	Minimal
* Kidney	Glomerulosclerosis	Minimal
* Lung	Metaplasia	Osseous, Minimal
* Spleen	Pigmentation	Hemosiderin, Mild
* Urinary Bladder	Inflammation	Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 136

TRT#: 2

SEX: Female

DAY ON TEST: 649

DOSE: CONTROL

DISP: Moribund Sacrifice

HISTO: 34504

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 3-10]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 4-12]			
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Ovary		Cyst	Moderate
[Cyst TGLS = 2-7]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
* Spleen		Pigmentation	Hemosiderin, Minimal
Tongue		Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 1-11]			

PRIMARY CAUSE OF DEATH

- Tongue Squamous Cell Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 137

TRT#: 2

SEX: Female

DAY ON TEST: 733

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 34505

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Bone | * Bone Marrow |
| * Brain | * Clitoral Gland | * Esophagus | * Gallbladder |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney |
| * Larynx | * Lung | * Lymph Node, Bronchial | * Lymph Node, Mandibular |
| * Lymph Node, Mediastinal | * Lymph Node, Mesenteric | * Mammary Gland | * Nose |
| * Ovary | * Parathyroid Gland | * Pituitary Gland | * Salivary Glands |
| * Skin | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

OBSERVATIONS

- | | | |
|---------------------------------------|----------------------------------|-------------------|
| * Heart | Cardiomyopathy | Minimal |
| * Liver | Hepatocellular Adenoma | |
| [Hepatocellular Adenoma TGLS = 2-4] | | |
| * Pancreas | Atrophy | Minimal |
| * Spleen | Hematopoietic Cell Proliferation | Mild |
| | Pigmentation | Hemosiderin, Mild |
| * Uterus | Hydrometra | Moderate |
| [Hydrometra TGLS = 1-8] | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 138

TRT#: 2

SEX: Female

DAY ON TEST: 376

DOSE: CONTROL

DISP: Natural Death

HISTO: 34506

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Clitoral Gland	* Gallbladder	* Lymph Node, Mediastinal
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OBSERVATIONS

* Intestine Small, Jejunum [Carcinoma TGLS = 2-4]	Carcinoma	
* Kidney	Glomerulosclerosis	Minimal
* Liver [Hepatocellular Carcinoma TGLS = 1-4+10+11]	Hepatocellular Carcinoma	Multiple
* Lung	Hepatocellular Carcinoma	Metastatic (Liver)
* Spleen [Hematopoietic Cell Proliferation TGLS = 2-4]	Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 139

TRT#: 2

SEX: Female

DAY ON TEST: 733

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 34507

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Liver	* Lung	* Lymph Node, Mediastinal	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Thymus

OBSERVATIONS

* Bone Marrow		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-4]			
* Heart		Cardiomyopathy	Minimal
Lymph Node		Angiectasis	Moderate
		Hyperplasia	Mild
[Angiectasis TGLS = 2-10]			
* Lymph Node, Bronchial		Lymphoma Malignant	
* Lymph Node, Mandibular		Hyperplasia	Mild
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Lymphoma Malignant	
		Pigmentation	Hemosiderin, Minimal
[Lymphoma Malignant TGLS = 1-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 140

TRT#: 2

SEX: Female

DAY ON TEST: 733

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 34508

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mediastinal
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OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Pigmentation	Hemosiderin, Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 141

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 34509

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Clitoral Gland

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
Harderian Gland		Adenoma	
[Adenoma TGLS = 1-11]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-10]			
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
	Olfactory Epi	Metaplasia	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 142

TRT#: 2

SEX: Female

DAY ON TEST: 586

DOSE: CONTROL

DISP: Moribund Sacrifice

HISTO: 34510

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Larynx	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mediastinal
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OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Degeneration	Fatty, Mild
		Eosinophilic Focus	
		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-10]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 1-11]			
* Spleen		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Stomach, Glandular		Ulcer	Minimal

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 143

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 34511

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Parathyroid Gland	* Pituitary Gland	* Skin
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Intestine Large, Rectum	* Lymph Node, Mandibular
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OBSERVATIONS

* Bone Marrow		Lymphoma Malignant	
* Heart		Cardiomyopathy	Minimal
* Intestine Small, Duodenum	Epithelium	Hyperplasia	Minimal
* Kidney		Glomerulosclerosis	Minimal
		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
		Lymphoma Malignant	
		[Eosinophilic Focus TGLS = 5,7-10+13]	
		[Hepatocellular Carcinoma TGLS = 6-11+12]	
* Lung		Hemorrhage	Minimal
Mesentery	Fat	Necrosis	Moderate
		[Necrosis TGLS = 3-14]	
* Nose		Lymphoma Malignant	
		[Lymphoma Malignant TGLS = 2-8]	
* Ovary		Cyst	Mild
		Lymphoma Malignant	
		[Cyst TGLS = 1-7]	
		[Lymphoma Malignant TGLS = 3-14]	
* Pancreas		Atrophy	Minimal
* Salivary Glands		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:23:33
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 143

TRT#: 2
DOSE: CONTROL

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 732
HISTO: 34511

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	
		Pigmentation	Hemosiderin, Minimal
[Lymphoma Malignant TGLS = 4-4]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
		Lymphoma Malignant	
* Stomach, Glandular		Lymphoma Malignant	
* Urinary Bladder		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-4]			
* Uterus		Lymphoma Malignant	
		Polyp Stromal	
[Lymphoma Malignant TGLS = 2-8]			
[Polyp Stromal TGLS = 2-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 144

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 34512

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Clitoral Gland	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Mild
* Bone Marrow		Hyperplasia	Mild
* Brain	Meninges	Infiltration Cellular	Mononuclear CI, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		[Hepatocellular Adenoma TGLS = 4,5-4+10]	
		[Hepatocellular Carcinoma TGLS = 3-4]	
* Lung	Perivascular	Hemorrhage	Minimal
		Inflammation	Mild
* Ovary		Cyst	Mild
		[Cyst TGLS = 1-7]	
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Minimal
		[Hematopoietic Cell Proliferation TGLS = 2-4]	
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 145

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 34513

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Liver	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Moderate
* Heart		Cardiomyopathy	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 2-3]		
* Ovary		Cyst	Moderate
	[Cyst TGLS = 3,4-7]		
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
	[Angiectasis TGLS = 1-8]		
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 146

TRT#: 2

SEX: Female

DAY ON TEST: 715

DOSE: CONTROL

DISP: Moribund Sacrifice

HISTO: 34514

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Clitoral Gland	* Parathyroid Gland
------------------	---------------------

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Marked
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 3,4,5-4+10]			
* Skin	Subcut Tiss	Sarcoma	
[Sarcoma TGLS = 1-11]			
* Spleen		Hematopoietic Cell Proliferation	Marked
		Pigmentation	Hemosiderin, Minimal
[Hematopoietic Cell Proliferation TGLS = 2-4]			

PRIMARY CAUSE OF DEATH - Skin Subcut Tiss Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 147

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 715

HISTO: 34515

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Pigmentation	Hemosiderin, Mild
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLS = 4-4]		
	[Hepatocellular Carcinoma TGLS = 3-10+11]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mediastinal		Hyperplasia	Mild
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Pancreas		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
	[Hyperplasia TGLS = 1-8]		
* Spleen		Hematopoietic Cell Proliferation	Marked
		Pigmentation	Hemosiderin, Minimal
	[Hematopoietic Cell Proliferation TGLS = 2-4]		

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 148

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 34516

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular	* Lymph Node, Mediastinal
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OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 1-8+10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 149

TRT#: 2

SEX: Female

DAY ON TEST: 606

DOSE: CONTROL

DISP: Natural Death

HISTO: 34517

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mediastinal	* Parathyroid Gland
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Esophagus	Epithelium	Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	Multiple
[Hepatocellular Carcinoma TGLS = 2,4-10+11]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 3-12]			
* Skin	Subcut Tiss	Edema	Marked
[Edema TGLS = 1-13]			
* Spleen		Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 150

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 34518

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Larynx	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Adenoma	
[Adenoma TGLS = 1-10]			
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 2-4]			
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Spleen		Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 301

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 62.5 PPM

DISP: Terminal Sacrifice

HISTO: 34769

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Liver	* Lymph Node, Bronchial
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Gallbladder	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Parathyroid Gland
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OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Lung		Hemorrhage	Minimal
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Spleen		Hyperplasia	Lymphoid, Mild
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:23:33
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 302

TRT#: 4

SEX: Female

DAY ON TEST: 712

DOSE: 62.5 PPM

DISP: Moribund Sacrifice

HISTO: 34770

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Clitoral Gland

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Mineralization	Mild
		Nephropathy	Moderate
		Pigmentation	Hemosiderin, Minimal
* Liver		Angiectasis	Minimal
		Hepatocellular Carcinoma	
		Necrosis	Mild
	[Hepatocellular Carcinoma TGLS = 3-10]		
* Ovary		Cyst	Minimal
	[Cyst TGLS = 2-7]		
* Pancreas		Cytoplasmic Alteration	Minimal
* Spleen		Hyperplasia	Lymphoid, Marked
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
		Ulcer	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Adenoma	
* Uterus		Hydrometra	Moderate
	[Hydrometra TGLS = 1-8]		

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 302

TRT#: 4

SEX: Female

DAY ON TEST: 712

DOSE: 62.5 PPM

DISP: Moribund Sacrifice

HISTO: 34770

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:23:33
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 303

TRT#: 4

SEX: Female

DAY ON TEST: 534

DOSE: 62.5 PPM

DISP: Moribund Sacrifice

HISTO: 34771

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Moderate
Blood Vessel		Mineralization	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Glomerulosclerosis	Minimal
		Inflammation	Chronic Active, Minimal
		Nephropathy	Minimal
* Larynx	Squam Epithel	Hyperplasia	Minimal
		Inflammation	Suppurative, Minimal
* Liver		Hematopoietic Cell Proliferation	Mild
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 3-10]			
* Spleen		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Ulcer	Mild
[Ulcer TGLS = 4-8]			
* Stomach, Glandular		Ulcer	Minimal
[Ulcer TGLS = 5-8]			

PRIMARY CAUSE OF DEATH - Mesentery Fat Necrosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 304

TRT#: 4

SEX: Female

DAY ON TEST: 731

DOSE: 62.5 PPM

DISP: Terminal Sacrifice

HISTO: 34772

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-8]			
* Spleen		Hyperplasia	Lymphoid, Minimal
		Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 305

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 62.5 PPM

DISP: Terminal Sacrifice

HISTO: 34773

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mediastinal	* Thymus
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OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 1-10]		
* Nose	Olfactory Epi	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Minimal
* Thyroid Gland	Follicular Cel	Carcinoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 306

TRT#: 4

DOSE: 62.5 PPM

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 604

HISTO: 34774

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Parathyroid Gland
* Salivary Glands	* Skin	Spinal Cord	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Uterus	

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Lymphoma Malignant	
		Nephropathy	Minimal
* Larynx	Squam Epithel	Hyperplasia	Minimal
* Liver		Hepatocellular Carcinoma	
		Lymphoma Malignant	
		[Hepatocellular Carcinoma TGLS = 4-11]	
		[Lymphoma Malignant TGLS = 5-4]	
* Lung		Lymphoma Malignant	
		[Lymphoma Malignant TGLS = 5-4]	
Lymph Node	Iliac	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
		Lymphoma Malignant	
		[Lymphoma Malignant TGLS = 7-10]	
		[Lymphoma Malignant TGLS = 8-13]	
		[Lymphoma Malignant TGLS = 6-12]	
* Lymph Node, Bronchial		Lymphoma Malignant	
		[Lymphoma Malignant TGLS = 1-7]	
* Lymph Node, Mandibular		Lymphoma Malignant	
		[Lymphoma Malignant TGLS = 1-7]	
* Lymph Node, Mediastinal		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:23:33
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 306	TRT#: 4 DOSE: 62.5 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 604 HISTO: 34774
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ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 9-6]			
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Ovary		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 8-13]			
* Pancreas		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 8-13]			
* Pituitary Gland	Pars Distalis	Angiectasis	Marked
[Angiectasis TGLS = 2-8]			
* Spleen		Hematopoietic Cell Proliferation Lymphoma Malignant	Mild
[Lymphoma Malignant TGLS = 3-4]			
* Stomach, Forestomach	Epithelium	Hyperplasia Ulcer	Marked Mild
[Hyperplasia TGLS = 10-8]			
* Thymus		Lymphoma Malignant	
* Urinary Bladder		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH	- Spleen Lymphoma Malignant
CONTRIBUTORY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Angiectasis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 307

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 62.5 PPM

DISP: Terminal Sacrifice

HISTO: 34775

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Gallbladder	* Parathyroid Gland
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OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 1-10]			
* Nose	Olfactory Epi	Atrophy	Minimal
	Respirat Epith	Degeneration	Hyaline, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Skin	Subcut Tiss	Hemangiosarcoma	
Note: Lesion is on slide 7 by salivary gland.			
* Spleen		Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 308

TRT#: 4

SEX: Female

DAY ON TEST: 670

DOSE: 62.5 PPM

DISP: Natural Death

HISTO: 34776

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mediastinal

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Inflammation	Minimal
		Necrosis	Minimal
		Hemangiosarcoma	
Mesentery			
[Hemangiosarcoma TGLS = 1-10]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Respirat Epith	Degeneration	Hyaline, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Hemosiderin, Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Mesentery Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 309

TRT#: 4

SEX: Female

DAY ON TEST: 731

DOSE: 62.5 PPM

DISP: Terminal Sacrifice

HISTO: 34777

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Mammary Gland	* Pancreas	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Uterus	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Lymphoma Malignant	
* Heart		Cardiomyopathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 6-10]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
Lymph Node	Inguinal	Lymphoma Malignant	
	Popliteal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-11]			
[Lymphoma Malignant TGLS = 7-12]			
[Lymphoma Malignant TGLS = 8-13]			
* Lymph Node, Bronchial		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-7]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-7]			
* Lymph Node, Mediastinal		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-2]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 9-6]			
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:23:33
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 309	TRT#: 4 DOSE: 62.5 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 34777
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ORGAN AND ACCOUNTABLE SITE STATUS

* Ovary [Lymphoma Malignant TGLS = 4-7]		Cyst Lymphoma Malignant	Mild
* Pituitary Gland * Salivary Glands Note: tgl 2 is most likely the lymph node, not salivary gland	Pars Distalis	Hyperplasia Lymphoma Malignant	Moderate
* Spleen [Hematopoietic Cell Proliferation TGLS = 5-4]		Hematopoietic Cell Proliferation Pigmentation	Marked Hemosiderin, Minimal
* Thymus * Thyroid Gland * Urinary Bladder	Follicular Cel	Lymphoma Malignant Adenoma Lymphoma Malignant	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 310

TRT#: 4

SEX: Female

DAY ON TEST: 731

DOSE: 62.5 PPM

DISP: Terminal Sacrifice

HISTO: 34778

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Marked
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Lymph Node, Mediastinal		Lymphoma Malignant	
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Respirat Epith	Degeneration	Hyaline, Minimal
* Ovary		Cyst	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 311

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 62.5 PPM

DISP: Terminal Sacrifice

HISTO: 34779

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Gallbladder

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Mammary Gland		Hyperplasia	Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Respirat Epith	Degeneration	Hyaline, Mild
* Pancreas		Cytoplasmic Alteration	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 1-8]		
* Spleen		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
	[Hyperplasia TGLS = 2-10]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 312

TRT#: 4

SEX: Female

DAY ON TEST: 369

DOSE: 62.5 PPM

DISP: Moribund Sacrifice

HISTO: 34780

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Larynx	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Parathyroid Gland
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OBSERVATIONS

* Liver	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
* Lung		Sarcoma	Metastatic (Skin)
* Skin	Subcut Tiss	Sarcoma	Multiple
[Sarcoma TGLS = 1,2-10+11+12+13+14]			
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

- Skin Subcut Tiss Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 313

TRT#: 4

SEX: Female

DAY ON TEST: 606

DOSE: 62.5 PPM

DISP: Moribund Sacrifice

HISTO: 34781

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Bronchial	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Gallbladder	* Thymus
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OBSERVATIONS

* Heart		Cardiomyopathy	Mild
		Mineralization	Minimal
* Kidney		Histiocytic Sarcoma	
	Renal Tubule	Hyperplasia	Minimal
* Larynx	Squam Epithel	Hyperplasia	Mild
		Inflammation	Suppurative, Minimal
* Liver		Hepatocellular Carcinoma	
		Histiocytic Sarcoma	
	[Hepatocellular Carcinoma TGLS = 3-10]		
	[Histiocytic Sarcoma TGLS = 2-4]		
* Lung		Histiocytic Sarcoma	
	[Histiocytic Sarcoma TGLS = 3-10]		
* Lymph Node, Mandibular		Histiocytic Sarcoma	
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Hemosiderin, Mild
* Uterus		Histiocytic Sarcoma	
	[Histiocytic Sarcoma TGLS = 1-8]		

PRIMARY CAUSE OF DEATH - Liver Histiocytic Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:23:33
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 313

TRT#: 4

SEX: Female

DAY ON TEST: 606

DOSE: 62.5 PPM

DISP: Moribund Sacrifice

HISTO: 34781

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 314

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 62.5 PPM

DISP: Terminal Sacrifice

HISTO: 34782

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Mammary Gland
* Skin	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Uterus			

MISSING

* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Bone Marrow		Lymphoma Malignant	
Harderian Gland		Adenoma	
[Adenoma TGLS = 1-10]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Lymphoma Malignant	
* Liver		Hematopoietic Cell Proliferation	Minimal
		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
* Lymph Node, Bronchial		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mediastinal		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Respirat Epith	Degeneration	Hyaline, Minimal
* Ovary		Cyst	Mild
[Cyst TGLS = 2-7]			
* Pancreas		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-7]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:23:33
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 314

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 62.5 PPM

DISP: Terminal Sacrifice

HISTO: 34782

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 3-4]

* Stomach, Forestomach

Epithelium

Hyperplasia

Minimal

* Urinary Bladder

Lymphoma Malignant

[Lymphoma Malignant TGLS = 3-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 315

TRT#: 4

SEX: Female

DAY ON TEST: 715

DOSE: 62.5 PPM

DISP: Moribund Sacrifice

HISTO: 34783

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mediastinal

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
	[Hepatocellular Adenoma TGLS = 5-13]		
	[Hepatocellular Carcinoma TGLS = 2,3,4,6,7,8-4+10+11+12+14]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
		Inflammation	Mild
	[Hepatocellular Carcinoma TGLS = 1-3]		
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Respirat Epith	Degeneration	Hyaline, Mild
* Ovary		Atrophy	Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Hemosiderin, Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 316

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 62.5 PPM

DISP: Terminal Sacrifice

HISTO: 34784

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
	[Eosinophilic Focus TGLS = 2-4]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 2-4]		
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Respirat Epith	Degeneration	Hyaline, Mild
* Ovary	Germinal Epith	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 317

TRT#: 4

SEX: Female

DAY ON TEST: 672

DOSE: 62.5 PPM

DISP: Moribund Sacrifice

HISTO: 34785

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lung	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Clitoral Gland	* Lymph Node, Mandibular	* Thymus
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OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Mild
		Necrosis	Mild
	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
Lymph Node	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-10]			
* Lymph Node, Bronchial		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-11]			
* Lymph Node, Mediastinal		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-2]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-11]			
* Ovary		Cyst	Mild
[Cyst TGLS = 4-7]			
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
[Angiectasis TGLS = 2-8]			
* Spleen		Hematopoietic Cell Proliferation	Marked
		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:23:33
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 317	TRT#: 4	SEX: Female	DAY ON TEST: 672
	DOSE: 62.5 PPM	DISP: Moribund Sacrifice	HISTO: 34785

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 3-4]		Pigmentation	Hemosiderin, Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Lymph Node, Mesenteric Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:33

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 318

TRT#: 4

DOSE: 62.5 PPM

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 592

HISTO: 34786

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone Marrow	* Brain	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Clitoral Gland	* Ovary	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 5-11]			
* Bone		Fibrous Osteodystrophy	Minimal
* Heart		Cardiomyopathy	Mild
* Intestine Small, Duodenum		Inflammation	Marked
		Necrosis	Marked
[Necrosis TGLS = 4-6]			
* Intestine Small, Ileum		Carcinoma	
[Carcinoma TGLS = 5-11]			
* Kidney		Glomerulosclerosis	Mild
		Nephropathy	Minimal
* Larynx	Squam Epithel	Hyperplasia	Minimal
		Inflammation	Suppurative, Minimal
* Liver		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Carcinoma	
		Necrosis	Mild
	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
[Hepatocellular Carcinoma TGLS = 2-10]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:23:34
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 318	TRT#: 4 DOSE: 62.5 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 592 HISTO: 34786
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ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node [Hyperplasia TGLS = 3-12]	Pancreatic	Hyperplasia	Marked
* Spleen [Hematopoietic Cell Proliferation TGLS = 1-4]		Hematopoietic Cell Proliferation Pigmentation	Moderate Hemosiderin, Mild
* Stomach, Glandular		Mineralization	Minimal

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 319

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 62.5 PPM

DISP: Terminal Sacrifice

HISTO: 34787

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Liver	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Clitoral Gland	* Lymph Node, Bronchial
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OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Intestine Small, Ileum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-6]			
* Kidney		Nephropathy	Minimal
Lymph Node	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-11]			
* Lymph Node, Mediastinal		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-2]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-10]			
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Thymus		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 320

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 62.5 PPM

DISP: Terminal Sacrifice

HISTO: 34788

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	[Hepatocellular Adenoma TGLS = 3,4-4+12]		
	[Hepatocellular Carcinoma TGLS = 2,3-10+11]		
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Mild
* Mammary Gland		Hyperplasia	Mild
* Nose	Olfactory Epi	Atrophy	Minimal
	Olfactory Epi	Degeneration	Hyaline, Minimal
	Respirat Epith	Degeneration	Hyaline, Mild
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 1-8]		
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 321

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 62.5 PPM

DISP: Terminal Sacrifice

HISTO: 34789

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lung	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Lymph Node, Bronchial		Hyperplasia	Mild
* Spleen		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 2-11]			
* Uterus		Hydrometra	Moderate
[Hydrometra TGLS = 1-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNV

ANIMAL ID: 322

TRT#: 4

SEX: Female

DAY ON TEST: 472

DOSE: 62.5 PPM

DISP: Moribund Sacrifice

HISTO: 34790

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Intestine Small, Duodenum	Epithelium	Hyperplasia	Mild
		Inflammation	Minimal
* Kidney		Nephropathy	Mild
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Skin		Atrophy	Mild
		Necrosis	Mild
	[Atrophy TGLS = 2-11]		
	[Necrosis TGLS = 1-10]		
* Spleen		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 323

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 62.5 PPM

DISP: Terminal Sacrifice

HISTO: 34791

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Larynx	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 1-10]			
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Ovary		Atrophy	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Hyperplasia	Lymphoid, Mild
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Uterus		Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 324

TRT#: 4

SEX: Female

DAY ON TEST: 712

DOSE: 62.5 PPM

DISP: Natural Death

HISTO: 34792

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Islets, Pancreatic
* Larynx	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Bronchial	* Parathyroid Gland	* Thymus
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AUTO PRECLUDES DIAG.

* Intestine Small, Duodenum	* Intestine Small, Jejunum
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Inflammation	Mild
		[Hepatocellular Adenoma TGLS = 3,4-4]	
		[Hepatocellular Carcinoma TGLS = 2-10]	
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Ovary		Cyst	Mild
		[Cyst TGLS = 1-7]	
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 325

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 62.5 PPM

DISP: Terminal Sacrifice

HISTO: 34793

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mediastinal
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OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Hyperplasia	Moderate
[Angiectasis TGLS = 1-8]			
* Spleen		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 2-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 326

TRT#: 4

DOSE: 62.5 PPM

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 723

HISTO: 34794

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Larynx	* Lung	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Mild
* Heart		Cardiomyopathy	Minimal
* Intestine Small, Jejunum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-6]			
* Kidney		Nephropathy	Minimal
* Liver		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-4+11]			
Lymph Node	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-10]			
* Lymph Node, Bronchial		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-13]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-13]			
* Lymph Node, Mediastinal		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-2]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-13]			
* Nose		Inflammation	Suppurative, Minimal
* Ovary		Cyst	Minimal
		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-4]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:23:34
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 326	TRT#: 4 DOSE: 62.5 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 723 HISTO: 34794
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ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach [Hyperplasia TGLS = 8-12]	Epithelium	Hyperplasia Ulcer	Minimal Minimal
* Thymus [Lymphoma Malignant TGLS = 2-4]		Lymphoma Malignant	
* Uterus [Angiectasis TGLS = 7-8]		Angiectasis	Minimal

PRIMARY CAUSE OF DEATH - Liver Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 327

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 62.5 PPM

DISP: Terminal Sacrifice

HISTO: 34795

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
Harderian Gland		Carcinoma	
[Carcinoma TGLS = 1-10]			
* Heart		Cardiomyopathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Lymphoid, Moderate
		Pigmentation	Hemosiderin, Mild
[Hyperplasia TGLS = 2-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 328

TRT#: 4

SEX: Female

DAY ON TEST: 647

DOSE: 62.5 PPM

DISP: Moribund Sacrifice

HISTO: 34796

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Brain	* Clitoral Gland
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Gallbladder	* Lymph Node, Mandibular
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OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Larynx	Squam Epithel	Hyperplasia	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Necrosis	Minimal
* Lymph Node, Bronchial		Hyperplasia	Mild
* Lymph Node, Mediastinal		Hyperplasia	Mild
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Skin	Subcut Tiss	Sarcoma	
	[Sarcoma TGLS = 1-10]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Hemosiderin, Mild
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

- Skin Subcut Tiss Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 329

TRT#: 4

SEX: Female

DAY ON TEST: 731

DOSE: 62.5 PPM

DISP: Terminal Sacrifice

HISTO: 34797

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Bone		Fibrous Osteodystrophy	Minimal
Harderian Gland		Adenoma	
[Adenoma TGLS = 1-12]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Metaplasia	Osseous, Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
[Hepatocellular Adenoma TGLS = 2,4-4+11]		Necrosis	Minimal
[Hepatocellular Carcinoma TGLS = 3-10]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Respirat Epith	Degeneration	Hyaline, Minimal
	Olfactory Epi	Metaplasia	Minimal
* Pituitary Gland	Pars Intermed	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 330

TRT#: 4

SEX: Female

DAY ON TEST: 372

DOSE: 62.5 PPM

DISP: Moribund Sacrifice

HISTO: 34798

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|-----------------------------|---------------------------|----------------------------|---------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Bone | * Bone Marrow |
| * Brain | * Clitoral Gland | * Esophagus | * Gallbladder |
| * Heart | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Kidney | * Larynx | * Liver | * Lung |
| * Lymph Node, Mandibular | * Lymph Node, Mediastinal | * Lymph Node, Mesenteric | * Mammary Gland |
| * Nose | * Ovary | * Pancreas | * Parathyroid Gland |
| * Pituitary Gland | * Salivary Glands | * Skin | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |
| * Uterus | | | |

MISSING

- * Lymph Node, Bronchial

OBSERVATIONS

- | | | | |
|-----------------------------|------------|--------------|-------------------|
| * Spleen | | Pigmentation | Hemosiderin, Mild |
| * Stomach, Forestomach | Epithelium | Hyperplasia | Minimal |
| Tooth | | Inflammation | Marked |
| [Inflammation TGLS = 1-9] | | | |

PRIMARY CAUSE OF DEATH

- Tooth Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:23:34
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 331	TRT#: 4	SEX: Female	DAY ON TEST: 731
	DOSE: 62.5 PPM	DISP: Terminal Sacrifice	HISTO: 34799

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Liver	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Parathyroid Gland
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INSUFFICIENT TISSUE

* Gallbladder

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Intestine Small, Duodenum	Epithelium	Hyperplasia	Marked
* Kidney		Nephropathy	Minimal
* Spleen		Pigmentation	Hemosiderin, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 332

TRT#: 4

SEX: Female

DAY ON TEST: 456

DOSE: 62.5 PPM

DISP: Moribund Sacrifice

HISTO: 34800

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Clitoral Gland	* Intestine Large, Rectum	* Lymph Node, Bronchial	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Parathyroid Gland		

OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Marked
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-10]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 1-11]			
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Spleen		Hematopoietic Cell Proliferation	Marked
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Mesentery Fat Necrosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 333

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 62.5 PPM

DISP: Terminal Sacrifice

HISTO: 34801

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Respirat Epith	Degeneration	Hyaline, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hyperplasia	Lymphoid, Minimal
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:23:34
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 334

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 62.5 PPM

DISP: Terminal Sacrifice

HISTO: 34802

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Mammary Gland	* Ovary
* Pancreas	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Esophagus	* Lymph Node, Bronchial	* Parathyroid Gland
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OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Necrosis	Minimal
* Lymph Node, Mesenteric		Hyperplasia	Mild
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Respirat Epith	Degeneration	Hyaline, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Hyperplasia	Lymphoid, Minimal
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 335

TRT#: 4

SEX: Female

DAY ON TEST: 731

DOSE: 62.5 PPM

DISP: Terminal Sacrifice

HISTO: 34803

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lung	* Lymph Node, Bronchial	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
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INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Respirat Epith	Degeneration	Hyaline, Mild
* Spleen		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach		Squamous Cell Papilloma	
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 336

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 62.5 PPM

DISP: Terminal Sacrifice

HISTO: 34804

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Clitoral Gland	* Parathyroid Gland
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OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Mild
Harderian Gland		Adenoma	
[Adenoma TGLS = 3-11]			
* Heart		Cardiomyopathy	Minimal
* Intestine Small, Ileum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-10]			
* Kidney		Nephropathy	Minimal
* Lymph Node, Bronchial		Hyperplasia	Moderate
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 337

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 62.5 PPM

DISP: Terminal Sacrifice

HISTO: 34805

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Necrosis	Minimal
	[Hepatocellular Adenoma TGLS = 2-10]		
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Bronchial		Hyperplasia	Mild
* Lymph Node, Mandibular		Hyperplasia	Mild
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Respirat Epith	Degeneration	Hyaline, Minimal
* Ovary		Cyst	Minimal
* Spleen		Hyperplasia	Lymphoid, Minimal
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Ulcer	Minimal
* Uterus		Polyp Stromal	
	[Polyp Stromal TGLS = 1-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 338

TRT#: 4

DOSE: 62.5 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 34806

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Thymus

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 2-4]		
* Lung		Hemorrhage	Minimal
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
	[Angiectasis TGLS = 1-8]		
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Ulcer	Minimal
	[Hyperplasia TGLS = 3-8]		
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Angiectasis	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 339

TRT#: 4

SEX: Female

DAY ON TEST: 676

DOSE: 62.5 PPM

DISP: Natural Death

HISTO: 34807

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Brain		Inflammation	Chronic, Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
	Mediastinum	Inflammation	Mild
	[Alveolar/Bronchiolar Carcinoma TGLS = 1-3]		
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

- Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 340

TRT#: 4

SEX: Female

DAY ON TEST: 731

DOSE: 62.5 PPM

DISP: Terminal Sacrifice

HISTO: 34808

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hyperplasia	Lymphoid, Moderate
		Inflammation	Mild
[Hyperplasia TGLS = 2-4+10]			
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Ovary		Cyst	Moderate
[Cyst TGLS = 1-7]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 341

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 62.5 PPM

DISP: Terminal Sacrifice

HISTO: 34809

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Ovary		Cystadenoma	
[Cystadenoma TGLS = 1-7]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Lymphoid, Mild
		Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 342

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 62.5 PPM

DISP: Terminal Sacrifice

HISTO: 34810

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lung	* Mammary Gland	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Trachea			

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Inflammation	Marked
	[Hepatocellular Adenoma TGLS = 3-10]		
	[Inflammation TGLS = 4,5-4]		
* Lymph Node, Bronchial		Hyperplasia	Mild
* Lymph Node, Mandibular		Hyperplasia	Moderate
* Lymph Node, Mediastinal		Hyperplasia	Mild
* Lymph Node, Mesenteric		Hyperplasia	Moderate
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
		Inflammation	Suppurative, Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Hyperplasia	Lymphoid, Moderate
		Pigmentation	Hemosiderin, Mild
	[Hyperplasia TGLS = 2-4]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
	[Hyperplasia TGLS = 6-11]		
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
		Inflammation	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:23:34
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 342

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 62.5 PPM

DISP: Terminal Sacrifice

HISTO: 34810

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder

Inflammation

Moderate

* Uterus

Angiectasis

Marked

[Angiectasis TGLS = 1-12]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 343

TRT#: 4

SEX: Female

DAY ON TEST: 731

DOSE: 62.5 PPM

DISP: Terminal Sacrifice

HISTO: 34811

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Bronchial	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone		Fibrous Osteodystrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Carcinoma Infiltration Cellular	Histiocyte, Mild
[Alveolar/Bronchiolar Carcinoma TGLS = 1-3]			
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Ovary		Cyst	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hyperplasia	Lymphoid, Mild
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:23:34
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 344

TRT#: 4

SEX: Female

DAY ON TEST: 544

DOSE: 62.5 PPM

DISP: Moribund Sacrifice

HISTO: 34812

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Heart		Lymphoma Malignant	
* Kidney		Nephropathy	Minimal
* Larynx	Squam Epithel	Hyperplasia	Minimal
* Liver		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
* Lymph Node, Bronchial		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mediastinal		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-2]			
* Spleen		Lymphoma Malignant	
		Pigmentation	Hemosiderin, Mild
* Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-2]			

PRIMARY CAUSE OF DEATH

- Thymus Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 345

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 62.5 PPM

DISP: Terminal Sacrifice

HISTO: 34813

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Moderate
* Heart		Cardiomyopathy	Minimal
* Liver		Degeneration	Fatty, Minimal
Lymph Node		Angiectasis	Mild
[Angiectasis TGLS = 2-11]			
* Lymph Node, Bronchial		Hyperplasia	Mild
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Ovary		Cyst	Minimal
* Pituitary Gland	Pars Intermed	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Lymphoid, Marked
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Thymus		Hyperplasia	Lymphoid, Mild
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 1-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 346

TRT#: 4

SEX: Female

DAY ON TEST: 255

DOSE: 62.5 PPM

DISP: Moribund Sacrifice

HISTO: 34814

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Clitoral Gland	* Lymph Node, Bronchial	* Thymus
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OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Larynx	Squam Epithel	Hyperplasia	Mild
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Nose	Olfactory Epi	Atrophy	Mild
		Inflammation	Chronic Active, Marked
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

- Nose Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:23:34
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 347	TRT#: 4 DOSE: 62.5 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 694 HISTO: 34815
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Ovary	* Salivary Glands	* Skin	* Thymus
* Thyroid Gland	* Trachea	* Uterus	

MISSING

* Clitoral Gland	* Lymph Node, Bronchial	* Parathyroid Gland	* Urinary Bladder
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OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
		Inflammation	Minimal
	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
	[Hepatocellular Carcinoma TGLS = 3-11]		
* Mammary Gland		Carcinoma	
	[Carcinoma TGLS = 1-10]		
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Pancreas		Atrophy	Mild
	Duct	Cyst	Marked
	Duct	Inflammation	Moderate
	[Cyst TGLS = 4-11]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Ulcer	Minimal
* Stomach, Glandular		Inflammation	Suppurative, Mild

PRIMARY CAUSE OF DEATH - Mammary Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 347

TRT#: 4

SEX: Female

DAY ON TEST: 694

DOSE: 62.5 PPM

DISP: Moribund Sacrifice

HISTO: 34815

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 348

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 62.5 PPM

DISP: Terminal Sacrifice

HISTO: 34816

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Bronchial

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
* Heart		Cardiomyopathy	Mild
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Respirat Epith	Degeneration	Hyaline, Mild
* Ovary		Cyst	Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hyperplasia	Lymphoid, Mild
		Pigmentation	Hemosiderin, Mild
* Thymus		Hyperplasia	Lymphoid, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:23:34
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 349

TRT#: 4

SEX: Female

DAY ON TEST: 731

DOSE: 62.5 PPM

DISP: Terminal Sacrifice

HISTO: 34817

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone		Fibrous Osteodystrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Larynx	Squam Epithel	Hyperplasia	Minimal
* Lung	Alveolar Epith	Hyperplasia	Moderate
[Hyperplasia TGLS = 1-3]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Respirat Epith	Degeneration	Hyaline, Mild
		Inflammation	Suppurative, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hyperplasia	Lymphoid, Moderate
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 350

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 62.5 PPM

DISP: Terminal Sacrifice

HISTO: 34818

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Gallbladder	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
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OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 3-4]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2-10]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Lymphoid, Mild
		Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 501

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: 34669

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Bronchial	* Ovary
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OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hyperplasia	Lymphoid, Mild
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 502

TRT#: 6

SEX: Female

DAY ON TEST: 544

DOSE: 125 PPM

DISP: Moribund Sacrifice

HISTO: 34670

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Clitoral Gland	* Thymus
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OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Glomerulosclerosis	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	Multiple
	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
	[Hepatocellular Carcinoma TGLS = 1,2-10+11]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
	Pars Intermed	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Ulcer	Minimal

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 503

TRT#: 6

SEX: Female

DAY ON TEST: 196

DOSE: 125 PPM

DISP: Natural Death

HISTO: 34671

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Brain
* Larynx
* Mammary Gland
* Skin

* Adrenal Medulla
* Clitoral Gland
* Lung
* Nose
* Thymus

* Bone
* Esophagus
* Lymph Node, Mandibular
* Parathyroid Gland
* Thyroid Gland

* Bone Marrow
* Heart
* Lymph Node, Mediastinal
* Salivary Glands
* Trachea

AUTO PRECLUDES DIAG.

* Gallbladder
* Intestine Small, Duodenum
* Kidney
* Pancreas
* Stomach, Glandular

* Intestine Large, Cecum
* Intestine Small, Ileum
* Liver
* Pituitary Gland
* Urinary Bladder

* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Bronchial
* Spleen
* Uterus

* Intestine Large, Rectum
* Islets, Pancreatic
* Lymph Node, Mesenteric
* Stomach, Forestomach

OBSERVATIONS

* Ovary

Cyst
Teratoma Benign

Marked

[Cyst TGLS = 1-7]

PRIMARY CAUSE OF DEATH

- Ovary Cyst

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 504

TRT#: 6

DOSE: 125 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 733

HISTO: 34672

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Moderate
* Bone		Fibrous Osteodystrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Glomerulosclerosis	Minimal
		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 2-10]		
* Nose	Respirat Epith	Degeneration	Hyaline, Mild
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
	[Hematopoietic Cell Proliferation TGLS = 1-4]	Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
	[Hyperplasia TGLS = 3-8]	Ulcer	Minimal
* Stomach, Glandular	Epithelium	Hyperplasia	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 505

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: 34673

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Mammary Gland
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Metaplasia	Osseous, Minimal
* Liver		Eosinophilic Focus	
	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
[Eosinophilic Focus TGLS = 1-10]			
* Lung		Hemorrhage	Mild
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-6]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Respirat Epith	Degeneration	Hyaline, Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hyperplasia	Lymphoid, Mild
		Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:23:34
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 506	TRT#: 6 DOSE: 125 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 698 HISTO: 34674
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
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OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Degeneration	Minimal
* Liver		Eosinophilic Focus	
		Necrosis	Moderate
	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
[Eosinophilic Focus TGLS = 3-4]			
[Necrosis TGLS = 4-10]			
Mesentery		Osteosarcoma	
[Osteosarcoma TGLS = 1-11]			
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Ovary		Cyst	Minimal
[Cyst TGLS = 2-7]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Ulcer	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Mesentery Osteosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 507

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: 34675

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular	* Lymph Node, Mediastinal
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OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Colon	Epithelium	Hyperplasia	Minimal
		Inflammation	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Necrosis	Minimal
* Nose	Respirat Epith	Degeneration	Hyaline, Mild
* Pancreas		Inflammation	Minimal
* Spleen		Hyperplasia	Lymphoid, Mild
		Pigmentation	Hemosiderin, Mild
[Hyperplasia TGLS = 1-4]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 508

TRT#: 6

SEX: Female

DAY ON TEST: 733

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: 34676

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Liver	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Clitoral Gland

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Lung		Hemorrhage	Minimal
* Lymph Node, Bronchial		Hyperplasia	Mild
* Lymph Node, Mediastinal		Hyperplasia	Mild
* Lymph Node, Mesenteric		Hyperplasia	Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Lymphoid, Mild
		Pigmentation	Hemosiderin, Mild
[Hyperplasia TGLS = 1-4]			
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 3-10]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 2-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 509

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: 34677

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
Harderian Gland		Adenoma	
[Adenoma TGLS = 3-12]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
		Necrosis	Mild
	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
[Hepatocellular Carcinoma TGLS = 1-4+10]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Marked
		Ulcer	Moderate
[Hyperplasia TGLS = 4-8+11]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 2-8]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 509

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: 34677

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 510

TRT#: 6

DOSE: 125 PPM

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 715

HISTO: 34678

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Mammary Gland	* Parathyroid Gland	* Pituitary Gland
* Skin	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Clitoral Gland

OBSERVATIONS

* Adrenal Cortex		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-7]			
* Bone Marrow		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-8+11]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-5]			
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-10]		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-10]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 8-3]		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-10]			
Lymph Node	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-12]			
* Lymph Node, Bronchial		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-7]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-7]			
* Lymph Node, Mediastinal		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:23:34
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 510	TRT#: 6 DOSE: 125 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 715 HISTO: 34678
ORGAN AND ACCOUNTABLE SITE STATUS			
* Lymph Node, Mesenteric [Lymphoma Malignant TGLS = 7-11]		Lymphoma Malignant	
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Ovary [Cyst TGLS = 6-7]		Cyst	Mild
* Pancreas [Lymphoma Malignant TGLS = 6-7]		Lymphoma Malignant	
* Salivary Glands [Lymphoma Malignant TGLS = 6-7]		Lymphoma Malignant	
* Spleen [Lymphoma Malignant TGLS = 2-4]		Lymphoma Malignant Pigmentation	Hemosiderin, Minimal
* Stomach, Forestomach [Lymphoma Malignant TGLS = 1-7]	Epithelium	Hyperplasia Lymphoma Malignant	Mild
* Stomach, Glandular		Lymphoma Malignant	
* Thymus		Lymphoma Malignant	
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	- Spleen Lymphoma Malignant		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 511

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: 34679

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Clitoral Gland	* Parathyroid Gland
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OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Inflammation	Mild
		Lymphoma Malignant	
		Thrombosis	Moderate
		[Eosinophilic Focus TGLS = 1-4]	
		[Lymphoma Malignant TGLS = 1-4]	
		[Thrombosis TGLS = 2-4]	
* Lung		Lymphoma Malignant	
		[Lymphoma Malignant TGLS = 3-3]	
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Ovary		Cyst	Mild
		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Marked
		[Hyperplasia TGLS = 4-8]	
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:23:34
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 511

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: 34679

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 512

TRT#: 6

SEX: Female

DAY ON TEST: 723

DOSE: 125 PPM

DISP: Moribund Sacrifice

HISTO: 34680

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Mammary Gland
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Glandular
* Thyroid Gland	* Trachea		

MISSING

* Lymph Node, Mediastinal

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Glomerulosclerosis	Mild
		Nephropathy	Mild
* Liver		Eosinophilic Focus	
	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
	[Eosinophilic Focus TGLS = 6-10]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 3-3]		
Lymph Node	Iliac	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 7-13]		
	[Lymphoma Malignant TGLS = 8-12]		
	[Lymphoma Malignant TGLS = 2-11]		
* Lymph Node, Bronchial		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 1-7]		
* Lymph Node, Mandibular		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 1-7]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 9-6]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 512

TRT#: 6

SEX: Female

DAY ON TEST: 723

DOSE: 125 PPM

DISP: Moribund Sacrifice

HISTO: 34680

ORGAN AND ACCOUNTABLE SITE STATUS

* Nose		Inflammation	Suppurative, Minimal
* Ovary		Atrophy	Marked
* Pancreas		Lymphoma Malignant	
* Salivary Glands		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
		Pigmentation	Hemosiderin, Mild
[Lymphoma Malignant TGLS = 5-4]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Ulcer	Minimal
* Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-4]			
* Urinary Bladder		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-4]			
* Uterus		Polyp Stromal	
		Sarcoma Stromal	
[Polyp Stromal TGLS = 4-8]			
[Sarcoma Stromal TGLS = 4-8]			

PRIMARY CAUSE OF DEATH - Lymph Node, Mesenteric Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 513

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: 34681

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Salivary Glands	* Skin	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Ovary	Germinal Epith	Hyperplasia	Minimal
	Interstit Cell	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
* Spleen		Hyperplasia	Lymphoid, Mild
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 2-8]			
* Thymus		Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:23:34
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 514

TRT#: 6

SEX: Female

DAY ON TEST: 572

DOSE: 125 PPM

DISP: Moribund Sacrifice

HISTO: 34682

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Larynx	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Pituitary Gland	* Skin
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland	* Salivary Glands	
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OBSERVATIONS

* Liver	Kupffer Cell	Pigmentation	Hemosiderin, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Ulcer	Mild
	[Hyperplasia TGLS = 1-8]		
* Uterus		Hyperplasia	Cystic, Marked
	[Hyperplasia TGLS = 2-8]		

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 515

TRT#: 6

DOSE: 125 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 34683

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Lung	* Lymph Node, Mediastinal	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver	Endothel Cell	Hyperplasia	Mild
		Inflammation	Minimal
[Hyperplasia TGLS = 1-10]			
* Lymph Node, Bronchial		Hyperplasia	Mild
* Lymph Node, Mandibular		Hyperplasia	Mild
* Lymph Node, Mesenteric		Hyperplasia	Mild
[Hyperplasia TGLS = 2-6]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
		Ulcer	Minimal
[Hyperplasia TGLS = 4-8]			
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 3-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 516

TRT#: 6

SEX: Female

DAY ON TEST: 627

DOSE: 125 PPM

DISP: Moribund Sacrifice

HISTO: 34684

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Bronchial	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Bone		Fibrous Osteodystrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Necrosis	Minimal
	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
* Ovary		Cyst	Moderate
[Cyst TGLS = 1-7]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 517

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: 34685

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLS = 3-10]		
	[Hepatocellular Carcinoma TGLS = 2-11]		
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Respirat Epith	Degeneration	Hyaline, Minimal
* Ovary		Cyst	Marked
	[Cyst TGLS = 1-7]		
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Ulcer	Minimal
	[Hyperplasia TGLS = 4-12]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 518

TRT#: 6

SEX: Female

DAY ON TEST: 456

DOSE: 125 PPM

DISP: Natural Death

HISTO: 34686

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic	* Larynx
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Glomerulosclerosis	Minimal
		Nephropathy	Minimal
* Liver	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
* Spleen		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Ulcer	Mild

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 519

TRT#: 6

SEX: Female

DAY ON TEST: 591

DOSE: 125 PPM

DISP: Moribund Sacrifice

HISTO: 34687

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Clitoral Gland	* Lymph Node, Mediastinal	* Thymus
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OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Glomerulosclerosis	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
[Hepatocellular Carcinoma TGLS = 3-10]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-12]			
* Ovary		Cyst	Mild
* Skin	Subcut Tiss	Hemangioma	
[Hemangioma TGLS = 4-11]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Hemosiderin, Mild
[Hematopoietic Cell Proliferation TGLS = 2-4]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 520

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: 34688

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mediastinal

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Bone		Fibrous Osteodystrophy	Marked
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-10]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Respirat Epith	Degeneration	Hyaline, Minimal
* Ovary		Cyst	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 2-8+11]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 521

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: 34689

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mediastinal	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone		Fibrous Osteodystrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
		Lymphoma Malignant	
	[Hepatocellular Carcinoma TGLS = 1-10]		
	[Lymphoma Malignant TGLS = 1-11]		
* Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Histiocyte, Mild
	[Alveolar/Bronchiolar Adenoma TGLS = 2-3]		
* Lymph Node, Bronchial		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 522

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: 34690

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mediastinal

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-4]			
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 2-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 523

TRT#: 6

SEX: Female

DAY ON TEST: 733

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: 34691

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 1,2-4+10]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Respirat Epith	Degeneration	Hyaline, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 3-8+11]			
* Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 524

TRT#: 6

SEX: Female

DAY ON TEST: 537

DOSE: 125 PPM

DISP: Natural Death

HISTO: 34692

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum
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OBSERVATIONS

* Brain	Hemorrhage	Mild
[Hemorrhage TGLS = 2-1]		
* Heart	Cardiomyopathy	Mild
* Kidney	Nephropathy	Minimal
* Liver	Eosinophilic Focus	
	Hepatocellular Carcinoma	
	Necrosis	Moderate
[Hepatocellular Carcinoma TGLS = 1-4+10]		
* Lung	Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Bronchial	Hyperplasia	Mild
* Ovary	Atrophy	Mild
* Spleen	Hematopoietic Cell Proliferation	Moderate
	Pigmentation	Hemosiderin, Mild
* Stomach, Glandular	Ulcer	Minimal

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 525

TRT#: 6

DOSE: 125 PPM

SEX: Female

DISP: Natural Death

DAY ON TEST: 397

HISTO: 34693

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Clitoral Gland	* Lymph Node, Mediastinal	* Pituitary Gland
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OBSERVATIONS

* Kidney		Lymphoma Malignant	
* Larynx	Squam Epithel	Hyperplasia	Minimal
* Liver		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
* Lymph Node, Bronchial		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-7]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-7]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-4]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Ulcer	Minimal
* Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-4]			

PRIMARY CAUSE OF DEATH

- Lung Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 526

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: 34694

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

Harderian Gland		Carcinoma	
[Carcinoma TGLS = 6-11]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
	Kupffer Cell	Hepatocellular Carcinoma	
[Eosinophilic Focus TGLS = 4-10]		Pigmentation	Hemosiderin, Minimal
[Hepatocellular Carcinoma TGLS = 3-4]			
* Lung		Hemorrhage	Minimal
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Ovary		Cystadenoma	
[Cystadenoma TGLS = 1-7]			
* Pituitary Gland	Pars Intermed	Adenoma	
[Adenoma TGLS = 5-8]			
* Spleen		Hyperplasia	Lymphoid, Mild
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Uterus		Angiectasis	Moderate
[Angiectasis TGLS = 2-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 527

TRT#: 6

SEX: Female

DAY ON TEST: 570

DOSE: 125 PPM

DISP: Moribund Sacrifice

HISTO: 34695

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lymph Node, Bronchial	* Mammary Gland	* Pancreas	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Glomerulosclerosis	Moderate
		Nephropathy	Moderate
* Liver		Degeneration	Fatty, Minimal
	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
* Lung		Hemorrhage	Mild
Lymph Node	Iliac	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
		[Lymphoma Malignant TGLS = 6-10]	
		[Lymphoma Malignant TGLS = 7-11]	
* Lymph Node, Mandibular		Lymphoma Malignant	
		[Lymphoma Malignant TGLS = 9-7]	
* Lymph Node, Mediastinal		Lymphoma Malignant	
		[Lymphoma Malignant TGLS = 8-2]	
* Lymph Node, Mesenteric		Lymphoma Malignant	
		[Lymphoma Malignant TGLS = 5-6]	
* Nose	Respirat Epith	Degeneration	Hyaline, Mild
* Ovary		Cyst	Moderate
		[Cyst TGLS = 4-7]	
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:23:34
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 527	TRT#: 6	SEX: Female	DAY ON TEST: 570
	DOSE: 125 PPM	DISP: Moribund Sacrifice	HISTO: 34695

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 2-8]			
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-4]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Marked
[Hyperplasia TGLS = 10-8]			

PRIMARY CAUSE OF DEATH	- Lymph Node, Mesenteric	Lymphoma Malignant
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 528

TRT#: 6

SEX: Female

DAY ON TEST: 733

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: 34696

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mediastinal

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
	[Eosinophilic Focus TGLS = 2-4]		
	[Hepatocellular Adenoma TGLS = 3-10]		
* Mammary Gland		Hyperplasia	Minimal
* Nose	Respirat Epith	Degeneration	Hyaline, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 4-8]		
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 529

TRT#: 6

SEX: Female

DAY ON TEST: 408

DOSE: 125 PPM

DISP: Moribund Sacrifice

HISTO: 34697

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Clitoral Gland	* Lymph Node, Bronchial	* Lymph Node, Mediastinal
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OBSERVATIONS

* Kidney		Glomerulosclerosis	Minimal
* Liver	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
* Spleen		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 530

TRT#: 6

SEX: Female

DAY ON TEST: 723

DOSE: 125 PPM

DISP: Moribund Sacrifice

HISTO: 34698

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Bone		Fibrous Osteodystrophy	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Glomerulosclerosis	Marked
		Nephropathy	Mild
[Glomerulosclerosis TGLS = 1-5]			
* Larynx	Squam Epithel	Hyperplasia	Minimal
* Liver		Necrosis	Minimal
	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
* Lung		Infiltration Cellular	Histiocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Lymphoid, Marked
		Pigmentation	Hemosiderin, Mild

[Hyperplasia TGLS = 2-4]

PRIMARY CAUSE OF DEATH

- Kidney Glomerulosclerosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 531

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: 34699

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-4]			
* Ovary		Cystadenoma	
[Cystadenoma TGLS = 1-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
[Hyperplasia TGLS = 3-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 532

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: 34700

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Clitoral Gland	* Lymph Node, Bronchial
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OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2-10]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Respirat Epith	Degeneration	Hyaline, Minimal
* Ovary		Cyst	Mild
[Cyst TGLS = 1-7]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 3-8]			
* Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 533

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: 34701

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Mammary Gland	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Larynx	Squam Epithel	Hyperplasia	Mild
* Liver	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
* Lymph Node, Mediastinal		Hyperplasia	Mild
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Minimal
		Hyperplasia	Mild
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Respirat Epith	Degeneration	Hyaline, Minimal
* Spleen		Hyperplasia	Lymphoid, Mild
		Pigmentation	Hemosiderin, Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Mild

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 534

TRT#: 6

DOSE: 125 PPM

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 723

HISTO: 34702

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Mammary Gland	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-6]			
* Gallbladder		Lymphoma Malignant	
* Heart		Cardiomyopathy	Minimal
* Kidney		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-4+11]			
* Lung		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-4+11]			
Lymph Node	Iliac	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-10]			
[Lymphoma Malignant TGLS = 5-13]			
* Lymph Node, Bronchial		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-6]			
* Lymph Node, Mediastinal		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-2]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-6]			
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Pancreas		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:23:34
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 534	TRT#: 6 DOSE: 125 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 723 HISTO: 34702
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ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 5-13]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	
		Pigmentation	Hemosiderin, Minimal
[Lymphoma Malignant TGLS = 2-4]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
[Hyperplasia TGLS = 7-8+12]			
* Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-4]			

PRIMARY CAUSE OF DEATH	- Lung Lymphoma Malignant
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 535

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: 34703

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone Marrow	* Brain	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Clitoral Gland	* Lymph Node, Bronchial	* Lymph Node, Mediastinal
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Bone		Fibrous Osteodystrophy	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Metaplasia	Osseous, Minimal
		Nephropathy	Minimal
* Liver	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Marked
[Hyperplasia TGLS = 2-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 536

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: 34704

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mediastinal

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	Multiple
	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
	[Hepatocellular Carcinoma TGLS = 4,5-10+11]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Mesentery	Fat	Necrosis	Mild
	[Necrosis TGLS = 3-12]		
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Ovary		Angiectasis	Mild
		Cystadenoma	
	[Cystadenoma TGLS = 2-7]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Hemosiderin, Mild
	[Hematopoietic Cell Proliferation TGLS = 1-4]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Ulcer	Mild
	[Hyperplasia TGLS = 6-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:23:34
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 536

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: 34704

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 537

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: 34705

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Bone Marrow | * Brain |
| * Clitoral Gland | * Esophagus | * Gallbladder | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Larynx | * Liver |
| * Lymph Node, Bronchial | * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland |
| * Nose | * Ovary | * Pancreas | * Parathyroid Gland |
| * Pituitary Gland | * Salivary Glands | * Skin | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |
| * Uterus | | | |

OBSERVATIONS

- | | | | |
|---------------------------|---|----------------------------------|-------------------|
| * Bone | | Fibrous Osteodystrophy | Minimal |
| * Heart | | Cardiomyopathy | Minimal |
| * Kidney | | Nephropathy | Minimal |
| * Lung | | Alveolar/Bronchiolar Carcinoma | |
| | | Infiltration Cellular | Histiocyte, Mild |
| | [Alveolar/Bronchiolar Carcinoma TGLS = 1-3] | | |
| * Lymph Node, Mediastinal | | Hyperplasia | Mild |
| * Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Hemosiderin, Mild |
| * Stomach, Forestomach | Epithelium | Hyperplasia | Marked |
| | [Hyperplasia TGLS = 2-8] | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 538

TRT#: 6

SEX: Female

DAY ON TEST: 733

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: 34706

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Brain	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Clitoral Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Bone		Fibrous Osteodystrophy	Mild
* Heart		Cardiomyopathy	Minimal
* Intestine Small, Duodenum		Polyp Adenomatous	
[Polyp Adenomatous TGLS = 2-11]			
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 3-10]		Hemorrhage	Mild
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Respirat Epith	Degeneration	Hyaline, Minimal
* Ovary		Cyst	Moderate
[Cyst TGLS = 1-7]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Marked
[Hyperplasia TGLS = 4-8]		Ulcer	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:23:34
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 538	TRT#: 6	SEX: Female	DAY ON TEST: 733
	DOSE: 125 PPM	DISP: Terminal Sacrifice	HISTO: 34706

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 539

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: 34707

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Mild
* Ovary		Cyst	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Lymphoid, Mild
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 540

TRT#: 6

DOSE: 125 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 34708

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Mammary Gland	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Uterus			

MISSING

* Clitoral Gland

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
* Gallbladder		Lymphoma Malignant	
* Heart		Cardiomyopathy	Minimal
* Kidney		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-5]			
* Liver		Lymphoma Malignant	
	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
[Lymphoma Malignant TGLS = 7,8-15+16]			
* Lung		Lymphoma Malignant	
Lymph Node	Iliac	Lymphoma Malignant	
	Pancreatic	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 11-13]			
[Lymphoma Malignant TGLS = 12-14]			
[Lymphoma Malignant TGLS = 10-12]			
[Lymphoma Malignant TGLS = 9-11]			
* Lymph Node, Bronchial		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-7]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-7]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 540

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: 34708

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mediastinal [Lymphoma Malignant TGLS = 2-2]		Lymphoma Malignant	
* Lymph Node, Mesenteric Mesentery [Necrosis TGLS = 3-10]	Fat	Lymphoma Malignant Necrosis	Mild
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Ovary [Cyst TGLS = 4-7] [Lymphoma Malignant TGLS = 4-7]		Cyst Lymphoma Malignant Thrombosis	Marked Moderate
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen [Lymphoma Malignant TGLS = 5-4]		Hematopoietic Cell Proliferation Lymphoma Malignant Pigmentation	Mild Hemosiderin, Minimal
* Stomach, Forestomach [Hyperplasia TGLS = 13-8+17]	Epithelium	Hyperplasia	Mild
* Thymus		Lymphoma Malignant	
* Urinary Bladder		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 541

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: 34709

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

Harderian Gland		Adenoma	
[Adenoma TGLS = 1-10]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
[Eosinophilic Focus TGLS = 3-11]			
* Nose	Olfactory Epi	Atrophy	Mild
* Ovary		Cyst	Mild
[Cyst TGLS = 2-7]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 542

TRT#: 6

SEX: Female

DAY ON TEST: 666

DOSE: 125 PPM

DISP: Natural Death

HISTO: 34710

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Heart	* Islets, Pancreatic
* Kidney	* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Uterus			

AUTO PRECLUDES DIAG.

* Adrenal Medulla	Blood Vessel	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Nose	* Urinary Bladder	

OBSERVATIONS

* Liver		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 1-4+10]			
* Lung		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 1-4+10]			
* Ovary		Cyst	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Lung Histiocytic Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 543

TRT#: 6

DOSE: 125 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 34711

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Thymus

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	
	Kupffer Cell	Inflammation	Minimal
	[Hepatocellular Carcinoma TGLS = 2-10]	Pigmentation	Hemosiderin, Minimal
* Lymph Node, Mandibular		Hyperplasia	Moderate
* Lymph Node, Mediastinal		Hyperplasia	Moderate
* Nose	Respirat Epith	Degeneration	Hyaline, Mild
* Ovary		Angiectasis	Mild
		Cyst	Marked
		Inflammation	Moderate
		Thrombosis	Marked
	[Cyst TGLS = 1-7]		
* Pancreas		Inflammation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Hyperplasia	Lymphoid, Mild
		Pigmentation	Hemosiderin, Mild
	[Hematopoietic Cell Proliferation TGLS = 3-4]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:23:34
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 543	TRT#: 6 DOSE: 125 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO: 34711
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ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach [Hyperplasia TGLS = 4-8+11]	Epithelium	Hyperplasia Ulcer	Marked Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 544

TRT#: 6

SEX: Female

DAY ON TEST: 733

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: 34712

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLS = 3,4-4+11]		
	[Hepatocellular Carcinoma TGLS = 2-10]		
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 1-8]		
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
	[Hyperplasia TGLS = 6-8]		
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hydrometra	Moderate
		Lymphangiectasis	Moderate
	[Hydrometra TGLS = 5-8]		
	[Lymphangiectasis TGLS = 5-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 545

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: 34713

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
* Lymph Node, Mediastinal		Hyperplasia	Mild
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Respirat Epith	Degeneration	Hyaline, Minimal
* Ovary		Teratoma Benign	
[Teratoma Benign TGLS = 3-10]			
* Pancreas		Hyperplasia	Lymphoid, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Lymphoid, Mild
		Pigmentation	Hemosiderin, Mild
[Hyperplasia TGLS = 2-4]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Marked
		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 5-8+11]			
* Thyroid Gland	Follicular Cel	Adenoma	
[Adenoma TGLS = 1-2]			
* Uterus		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 4-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 546

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: 34714

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Metaplasia	Osseous, Minimal
		Nephropathy	Minimal
* Liver	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 1-6]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Respirat Epith	Degeneration	Hyaline, Minimal
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 2-8]			
* Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 547

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: 34715

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
* Bone		Fibrous Osteodystrophy	Marked
[Fibrous Osteodystrophy TGLS = 4-10]			
* Bone Marrow		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 2-8]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-11]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Respirat Epith	Degeneration	Hyaline, Minimal
* Pancreas		Inflammation	Minimal
* Skin	Subcut Tiss	Hemangiosarcoma	
[Hemangiosarcoma TGLS = 3-12]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 1-4]			
* Stomach, Forestomach	Epithelium	Pigmentation	Hemosiderin, Mild
[Hyperplasia TGLS = 5-8]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Marked
		Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:23:34
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 547	TRT#: 6	SEX: Female	DAY ON TEST: 731
	DOSE: 125 PPM	DISP: Terminal Sacrifice	HISTO: 34715

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 548

TRT#: 6

SEX: Female

DAY ON TEST: 733

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: 34716

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Clitoral Gland	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
* Bone Marrow		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 5-8]		
* Brain		Lymphoma Malignant	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Infarct	Marked
	[Infarct TGLS = 1-10]	Lymphoma Malignant	
* Nose	Olfactory Epi	Atrophy	Mild
	Olfactory Epi	Degeneration	Hyaline, Mild
	Respirat Epith	Degeneration	Hyaline, Mild
* Salivary Glands	Parotid GI	Hemangioma	
	[Lymphoma Malignant TGLS = 1-10]	Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
	[Hyperplasia TGLS = 2-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 549

TRT#: 6

SEX: Female

DAY ON TEST: 72

DOSE: 125 PPM

DISP: Moribund Sacrifice

HISTO: 34717

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Larynx	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Clitoral Gland	* Lymph Node, Bronchial	* Thymus
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OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
* Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 4,5-3]			
Lymph Node	Renal	Teratoma Malignant	Metastatic (Ovary)
[Teratoma Malignant TGLS = 3-12]			
* Ovary		Teratoma Malignant	
[Teratoma Malignant TGLS = 1-10+11]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-4]			

PRIMARY CAUSE OF DEATH - Ovary Teratoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 550

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: 34718

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Lymph Node, Mediastinal		Hyperplasia	Lymphoid, Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Lymphoid, Mild
		Pigmentation	Hemosiderin, Mild
[Hematopoietic Cell Proliferation TGLS = 1-4]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
[Hyperplasia TGLS = 2-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 701

TRT#: 8

SEX: Female

DAY ON TEST: 731

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 34569

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
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OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Glomerulosclerosis	Mild
* Liver		Eosinophilic Focus	
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Ovary		Cyst	Marked
[Cyst TGLS = 1-7]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
* Spleen		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Marked
		Ulcer	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 702

TRT#: 8

SEX: Female

DAY ON TEST: 732

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 34570

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mediastinal
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OBSERVATIONS

* Bone Marrow		Hemangiosarcoma	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
* Nose	Olfactory Epi	Atrophy	Mild
	Olfactory Epi	Degeneration	Hyaline, Minimal
	Respirat Epith	Degeneration	Hyaline, Minimal
* Pancreas		Cytoplasmic Alteration	Minimal
* Spleen		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Marked
	[Hyperplasia TGLS = 2,3-8+11]		
* Thyroid Gland	Follicle	Cyst	Moderate
* Uterus	Arteriole	Hyperplasia	Marked
	[Hyperplasia TGLS = 4-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 703

TRT#: 8

SEX: Female

DAY ON TEST: 485

DOSE: 250 PPM

DISP: Moribund Sacrifice

HISTO: 34571

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|---------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Bone Marrow | * Brain |
| * Clitoral Gland | * Esophagus | * Gallbladder | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Kidney | * Larynx | * Liver |
| * Lung | * Lymph Node, Bronchial | * Lymph Node, Mandibular | * Lymph Node, Mediastinal |
| * Lymph Node, Mesenteric | * Mammary Gland | * Nose | * Pancreas |
| * Parathyroid Gland | * Pituitary Gland | * Salivary Glands | * Skin |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | * Uterus | | |

OBSERVATIONS

- | | | | |
|-----------------------------|------------|------------------------|-------------------|
| * Bone | | Fibrous Osteodystrophy | Minimal |
| * Heart | | Cardiomyopathy | Minimal |
| * Intestine Small, Duodenum | Epithelium | Hyperplasia | Minimal |
| * Ovary | | Cyst | Marked |
| [Cyst TGLS = 1-7] | | | |
| * Spleen | | Pigmentation | Hemosiderin, Mild |
| * Stomach, Forestomach | Epithelium | Hyperplasia | Mild |
| [Hyperplasia TGLS = 2-8] | | | |

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 704

TRT#: 8

SEX: Female

DAY ON TEST: 732

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 34572

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular	* Lymph Node, Mediastinal
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OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Fibrosis	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Metaplasia	Osseous, Minimal
		Nephropathy	Minimal
* Liver	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
* Lung		Hemorrhage	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Marked
		Ulcer	Minimal

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 705

TRT#: 8

SEX: Female

DAY ON TEST: 732

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 34573

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Parathyroid Gland
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OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Glomerulosclerosis	Minimal
		Nephropathy	Minimal
* Liver	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
* Nose	Olfactory Epi	Atrophy	Minimal
* Pancreas		Atrophy	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Marked
	[Hyperplasia TGLS = 1-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 706

TRT#: 8

SEX: Female

DAY ON TEST: 733

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 34574

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Liver		Lymphoma Malignant	
	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
[Lymphoma Malignant TGLS = 1-4]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Respirat Epith	Degeneration	Hyaline, Minimal
* Ovary		Cyst	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hyperplasia	Lymphoid, Mild
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Ulcer	Minimal
[Hyperplasia TGLS = 2-8+10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 707

TRT#: 8

SEX: Female

DAY ON TEST: 653

DOSE: 250 PPM

DISP: Natural Death

HISTO: 34575

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Intestine Large, Rectum	* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Parathyroid Gland
* Thymus			

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Duodenum
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OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
	Kupffer Cell	Pigmentation	Hemosiderin, Mild
	[Hepatocellular Carcinoma TGLS = 1-10]		
* Ovary		Degeneration	Fatty, Marked
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH	- Liver Hepatocellular Carcinoma
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:23:34
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 708 **TRT#:** 8 **SEX:** Female **DAY ON TEST:** 682
DOSE: 250 PPM **DISP:** Moribund Sacrifice **HISTO:** 34576

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Liver	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mesenteric	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular	* Lymph Node, Mediastinal
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OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Mammary Gland		Hyperplasia	Mild
* Nose	Olfactory Epi	Atrophy	Mild
	Olfactory Epi	Degeneration	Hyaline, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 1-8]		
* Spleen		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach		Squamous Cell Papilloma	
	[Squamous Cell Papilloma TGLS = 2-10]		

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 709

TRT#: 8

SEX: Female

DAY ON TEST: 731

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 34577

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Clitoral Gland	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Bone		Fibrous Osteodystrophy	Minimal
* Brain	Meninges	Infiltration Cellular	Mononuclear CI, Minimal
* Heart		Cardiomyopathy	Minimal
* Liver	Kupffer Cell	Hepatocellular Adenoma	
		Pigmentation	Hemosiderin, Minimal
[Hepatocellular Adenoma TGLS = 1-4]			
* Lung		Hemorrhage	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hyperplasia	Lymphoid, Mild
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
* Uterus		Hydrometra	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 710

TRT#: 8

SEX: Female

DAY ON TEST: 437

DOSE: 250 PPM

DISP: Moribund Sacrifice

HISTO: 34578

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Clitoral Gland	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Lymphoma Malignant	
* Kidney		Glomerulosclerosis	Minimal
[Glomerulosclerosis TGLS = 2-5]			
* Larynx	Squam Epithel	Hyperplasia	Minimal
* Liver		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-5]			
* Lung		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-5]			
* Pancreas		Atrophy	Minimal
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-10]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

- Lung Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 711

TRT#: 8

SEX: Female

DAY ON TEST: 529

DOSE: 250 PPM

DISP: Natural Death

HISTO: 34579

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic
* Larynx	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Skin	* Thyroid Gland	* Trachea

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum			

OBSERVATIONS

* Adrenal Cortex		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 9-6]			
* Brain		Hemorrhage	Mild
[Hemorrhage TGLS = 8-1]		Lymphoma Malignant	
* Heart		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 8-1]			
* Kidney		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 8-1]			
* Liver		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-4]		Necrosis	Moderate
* Lung		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-4]			
Lymph Node	Iliac	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-10]		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-12]			
[Lymphoma Malignant TGLS = 7-13]			
* Lymph Node, Bronchial		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 9-6]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 711

TRT#: 8

SEX: Female

DAY ON TEST: 529

DOSE: 250 PPM

DISP: Natural Death

HISTO: 34579

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mandibular [Lymphoma Malignant TGLS = 9-6]		Lymphoma Malignant	
* Lymph Node, Mediastinal [Lymphoma Malignant TGLS = 1-2]		Lymphoma Malignant	
* Lymph Node, Mesenteric [Lymphoma Malignant TGLS = 9-6]		Lymphoma Malignant	
Mesentery [Lymphoma Malignant TGLS = 3-11] [Necrosis TGLS = 3-11]	Fat	Lymphoma Malignant Necrosis	Mild
* Ovary [Lymphoma Malignant TGLS = 3-11]		Lymphoma Malignant	
* Pancreas [Lymphoma Malignant TGLS = 3-11]		Lymphoma Malignant	
* Salivary Glands [Lymphoma Malignant TGLS = 3-11]		Lymphoma Malignant	
* Spleen [Lymphoma Malignant TGLS = 4-4]		Lymphoma Malignant	
* Stomach, Forestomach [Lymphoma Malignant TGLS = 9-6]	Epithelium	Hyperplasia Lymphoma Malignant	Marked
* Stomach, Glandular		Lymphoma Malignant	
* Thymus [Lymphoma Malignant TGLS = 4-4]		Lymphoma Malignant	
* Urinary Bladder [Lymphoma Malignant TGLS = 4-4]		Lymphoma Malignant	
* Uterus [Lymphoma Malignant TGLS = 4-4]		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH - Brain Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 712

TRT#: 8

SEX: Female

DAY ON TEST: 731

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 34580

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Liver	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
* Ovary		Granulosa Cell Tumor Benign	
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Mild
[Hematopoietic Cell Proliferation TGLS = 1-4]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
[Hyperplasia TGLS = 2-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 713

TRT#: 8

SEX: Female

DAY ON TEST: 731

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 34581

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Angiectasis	Mild
		Eosinophilic Focus	
		Hepatocellular Carcinoma	
	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
[Eosinophilic Focus TGLS = 1-10+11]			
[Hepatocellular Carcinoma TGLS = 1-10+11]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Respirat Epith	Degeneration	Hyaline, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Hemosiderin, Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Marked
		Ulcer	Minimal
[Hyperplasia TGLS = 2-12]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 714

TRT#: 8

SEX: Female

DAY ON TEST: 732

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 34582

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
[Clear Cell Focus TGLS = 2-10]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-11]			
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 3-8]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 715

TRT#: 8

SEX: Female

DAY ON TEST: 618

DOSE: 250 PPM

DISP: Moribund Sacrifice

HISTO: 34583

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Kidney		Glomerulosclerosis	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
	[Hepatocellular Carcinoma TGLS = 3-10]		
Mesentery	Fat	Necrosis	Mild
	[Necrosis TGLS = 1-11]		
* Ovary		Cyst	Mild
	[Cyst TGLS = 2-7]		
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:23:34
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 716

TRT#: 8

SEX: Female

DAY ON TEST: 732

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 34584

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Lung		Hemorrhage	Minimal
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Ovary		Cyst	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 717

TRT#: 8

SEX: Female

DAY ON TEST: 731

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 34585

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Skin	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Clitoral Gland

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Moderate
* Bone		Fibrous Osteodystrophy	Mild
* Bone Marrow		Lymphoma Malignant	
* Brain		Cyst Epithelial Inclusion	
* Heart		Cardiomyopathy	Minimal
* Kidney		Lymphoma Malignant	
		Metaplasia	Osseous, Mild
* Liver		Eosinophilic Focus	
		Lymphoma Malignant	
	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
* Lung		Lymphoma Malignant	
* Lymph Node, Bronchial		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mediastinal		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
		Pigmentation	Hemosiderin, Mild

[Lymphoma Malignant TGLS = 1-4]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:23:34
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 717	TRT#: 8 DOSE: 250 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 34585
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ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Thymus		Lymphoma Malignant	
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 718

TRT#: 8

SEX: Female

DAY ON TEST: 621

DOSE: 250 PPM

DISP: Moribund Sacrifice

HISTO: 34586

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Bronchial

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Glomerulosclerosis	Moderate
* Liver		Inflammation	Minimal
	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Carcinoma	
[Carcinoma TGLS = 1-10]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

- Mammary Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 719

TRT#: 8

SEX: Female

DAY ON TEST: 733

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 34587

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Bronchial	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Larynx	* Lymph Node, Mandibular	* Parathyroid Gland	* Pituitary Gland
* Thyroid Gland			

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
	Kupffer Cell	Hepatocellular Adenoma	
	[Eosinophilic Focus TGLS = 3-10]	Pigmentation	Hemosiderin, Minimal
	[Hepatocellular Adenoma TGLS = 2-4+10]		
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Ovary		Cyst	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Lymphoid, Mild
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Marked
		Ulcer	Mild
* Uterus		Hydrometra	Marked
	[Hydrometra TGLS = 1-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 720

TRT#: 8

SEX: Female

DAY ON TEST: 731

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 34588

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Intestine Small, Ileum	Peyers Patch	Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
		Inflammation	Minimal
		Necrosis	Mild
	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
[Hepatocellular Carcinoma TGLS = 1-10]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 2,3,4-3]			
* Pancreas		Atrophy	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Ulcer	Minimal
* Uterus		Hydrometra	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 721

TRT#: 8

SEX: Female

DAY ON TEST: 732

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 34589

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
Eye		Degeneration	Marked
[Degeneration TGLS = 4-10]			
Harderian Gland		Adenoma	
[Adenoma TGLS = 1-10]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Degeneration	Fatty, Minimal
		Hepatocellular Adenoma	
	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
[Hepatocellular Adenoma TGLS = 3-11]			
* Lymph Node, Bronchial		Hyperplasia	Histiocytic, Mild
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Ovary		Cyst	Mild
[Cyst TGLS = 2-7]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach		Squamous Cell Carcinoma	
		Ulcer	Minimal
[Squamous Cell Carcinoma TGLS = 7-8+12]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 722

TRT#: 8

SEX: Female

DAY ON TEST: 731

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 34590

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mediastinal
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OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Liver	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
* Pancreas		Atrophy	Mild
* Spleen		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 723

TRT#: 8

SEX: Female

DAY ON TEST: 731

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 34591

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2-10]			
* Ovary		Angiectasis	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Marked
		Ulcer	Minimal
[Hyperplasia TGLS = 3-8+11]			
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 724

TRT#: 8

SEX: Female

DAY ON TEST: 660

DOSE: 250 PPM

DISP: Moribund Sacrifice

HISTO: 34592

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Mesenteric
* Ovary	* Pancreas	* Parathyroid Gland	* Skin
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Uterus			

OBSERVATIONS

* Gallbladder		Lymphoma Malignant	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
	Kupffer Cell	Lymphoma Malignant	
	[Hepatocellular Carcinoma TGLS = 3-4]	Pigmentation	Hemosiderin, Minimal
	[Lymphoma Malignant TGLS = 3-4]		
* Lung		Lymphoma Malignant	
* Lymph Node, Bronchial		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mediastinal		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 4-8]		
* Mammary Gland		Hyperplasia	Mild
* Nose	Respirat Epith	Degeneration	Hyaline, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 1-8]		
* Salivary Glands		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 1-8]		
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
		Pigmentation	Hemosiderin, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:23:34
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 724	TRT#: 8 DOSE: 250 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 660 HISTO: 34592
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ORGAN AND ACCOUNTABLE SITE STATUS			
[Lymphoma Malignant TGLS = 2-4]			
* Stomach, Forestomach [Hyperplasia TGLS = 4-8]	Epithelium	Hyperplasia	Moderate
* Urinary Bladder [Lymphoma Malignant TGLS = 2-4]		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH	- Salivary Glands	Lymphoma Malignant	
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 725

TRT#: 8

SEX: Female

DAY ON TEST: 732

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 34593

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mediastinal

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
	[Hepatocellular Carcinoma TGLS = 2-10]		
* Lung		Hemorrhage	Minimal
Mesentery	Fat	Necrosis	Mild
	[Necrosis TGLS = 1-11]		
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Respirat Epith	Degeneration	Hyaline, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Ulcer	Mild
	[Hyperplasia TGLS = 3-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 726

TRT#: 8

SEX: Female

DAY ON TEST: 732

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 34594

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
[Hepatocellular Adenoma TGLS = 1-4]			
* Nose	Respirat Epith	Degeneration	Hyaline, Mild
* Ovary		Cyst	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Squamous Cell Papilloma	
		Ulcer	Minimal
[Hyperplasia TGLS = 3-8]			
[Squamous Cell Papilloma TGLS = 2-10]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:23:34
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 727

TRT#: 8

SEX: Female

DAY ON TEST: 656

DOSE: 250 PPM

DISP: Moribund Sacrifice

HISTO: 34595

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Mild
Eye	Cornea	Inflammation	Chronic, Marked
[Inflammation TGLS = 2-11]			
Harderian Gland		Adenoma	
[Adenoma TGLS = 3-11]		Carcinoma	
[Carcinoma TGLS = 3-11]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Larynx	Squam Epithel	Hyperplasia	Minimal
* Liver	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
* Lung		Carcinoma	Metastatic (Harderian Gland)
[Carcinoma TGLS = 1-3]			
* Lymph Node, Mesenteric		Hyperplasia	Mild
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 5-10]			
* Ovary		Cyst	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Lymphoid, Marked
		Pigmentation	Hemosiderin, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:23:34
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 727

TRT#: 8

SEX: Female

DAY ON TEST: 656

DOSE: 250 PPM

DISP: Moribund Sacrifice

HISTO: 34595

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 4-4]

* Stomach, Forestomach

Epithelium

Hyperplasia

Moderate

[Hyperplasia TGLS = 7-8]

PRIMARY CAUSE OF DEATH

- Harderian Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 728

TRT#: 8

SEX: Female

DAY ON TEST: 731

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 34596

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mediastinal

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
* Lung		Hemorrhage	Minimal
* Lymph Node, Mesenteric		Hyperplasia	Mild
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Respirat Epith	Degeneration	Hyaline, Minimal
* Ovary		Cyst	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Lymphoid, Moderate
		Pigmentation	Hemosiderin, Mild
[Hyperplasia TGLS = 1-4]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Ulcer	Minimal
[Hyperplasia TGLS = 2-8+10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 729

TRT#: 8

SEX: Female

DAY ON TEST: 731

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 34597

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Bone		Fibrous Osteodystrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Respirat Epith	Degeneration	Hyaline, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Ulcer	Minimal
	[Hyperplasia TGLS = 2-8]		
* Uterus		Hyperplasia	Cystic, Marked
	[Hyperplasia TGLS = 1-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:23:34
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 730

TRT#: 8

SEX: Female

DAY ON TEST: 732

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 34598

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mediastinal
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OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Larynx	Squam Epithel	Hyperplasia	Minimal
* Liver	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Minimal
* Nose	Olfactory Epi	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Ulcer	Minimal

[Hyperplasia TGLS = 1-8+10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 731

TRT#: 8

SEX: Female

DAY ON TEST: 733

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 34599

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mediastinal

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
* Lung		Hemorrhage	Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Respirat Epith	Degeneration	Hyaline, Minimal
* Ovary		Cyst	Mild
	[Cyst TGLS = 2-7]		
* Spleen		Hyperplasia	Lymphoid, Mild
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach		Cyst Epithelial Inclusion	
		Squamous Cell Papilloma	
	[Cyst Epithelial Inclusion TGLS = 3-8]		
	[Squamous Cell Papilloma TGLS = 3-8]		
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Marked
	[Hyperplasia TGLS = 1-10]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 732

TRT#: 8

SEX: Female

DAY ON TEST: 708

DOSE: 250 PPM

DISP: Natural Death

HISTO: 34600

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Kidney	* Larynx	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Nose	* Parathyroid Gland
* Salivary Glands	* Skin	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Mild
* Intestine Small, Jejunum		Inflammation	Marked
		Necrosis	Marked
[Necrosis TGLS = 4-12]			
* Liver		Hematopoietic Cell Proliferation	Marked
		Hepatocellular Carcinoma	
	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
[Hepatocellular Carcinoma TGLS = 3-11]			
* Lymph Node, Mandibular		Hyperplasia	Mild
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Mild
* Mammary Gland		Carcinoma	
[Carcinoma TGLS = 1-10]			
* Ovary		Atrophy	Moderate
* Pancreas		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Marked
		Pigmentation	Hemosiderin, Mild
[Hematopoietic Cell Proliferation TGLS = 2-4]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 5-8]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:23:34
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 732

TRT#: 8

SEX: Female

DAY ON TEST: 708

DOSE: 250 PPM

DISP: Natural Death

HISTO: 34600

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular
[Ulcer TGLS = 6-13]

Ulcer

Minimal

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

CONTRIBUTORY CAUSE OF DEATH - Mammary Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 733

TRT#: 8

SEX: Female

DAY ON TEST: 731

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 34601

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Larynx	* Lung
* Mammary Gland	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Ovary
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OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Liver		Inflammation	Mild
	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-7]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Pancreas		Atrophy	Minimal
		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Lymphoma Malignant	
		Pigmentation	Hemosiderin, Mild
[Lymphoma Malignant TGLS = 1-4]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Squamous Cell Papilloma	
[Hyperplasia TGLS = 3-8]			
[Squamous Cell Papilloma TGLS = 4-10]			
* Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-4]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:23:34
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 733	TRT#: 8 DOSE: 250 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 34601
ORGAN AND ACCOUNTABLE SITE STATUS			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 734

TRT#: 8

SEX: Female

DAY ON TEST: 582

DOSE: 250 PPM

DISP: Moribund Sacrifice

HISTO: 34602

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Clitoral Gland

OBSERVATIONS

Blood Vessel		Inflammation	Moderate
Note: Inflammation seen in meningeal vessels and around aorta.			
* Heart	Artery	Inflammation	Mild
* Kidney		Glomerulosclerosis	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Necrosis	Minimal
	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
	[Hepatocellular Adenoma TGLS = 3-4]		
* Ovary		Cyst	Moderate
	[Cyst TGLS = 2-7]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach		Squamous Cell Papilloma	
	[Squamous Cell Papilloma TGLS = 4-8]		
* Uterus		Hyperplasia	Cystic, Marked
	[Hyperplasia TGLS = 1-8]		

PRIMARY CAUSE OF DEATH - Uterus Hyperplasia

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 735

TRT#: 8

SEX: Female

DAY ON TEST: 731

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 34603

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
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OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Liver		Hepatocellular Adenoma	
	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
	[Hepatocellular Adenoma TGLS = 1-10]		
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Marked
	[Hyperplasia TGLS = 2-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 736

TRT#: 8

SEX: Female

DAY ON TEST: 733

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 34604

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mediastinal

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Carcinoma	
[Carcinoma TGLS = 1-7+11]			
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Marked
		Ulcer	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Tongue	Epithelium	Hyperplasia	Moderate
[Hyperplasia TGLS = 2-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 737

TRT#: 8

SEX: Female

DAY ON TEST: 732

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 34605

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Lung	* Lymph Node, Bronchial	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Liver	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Ulcer	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Adenomyosis	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 738

TRT#: 8

SEX: Female

DAY ON TEST: 732

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 34606

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Gallbladder

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
[Hepatocellular Carcinoma TGLS = 3-10]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2-11]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Respirat Epith	Degeneration	Hyaline, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Skin	Sebaceous Gl	Adenoma	
[Adenoma TGLS = 1-12]			
* Spleen		Hyperplasia	Lymphoid, Marked
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 739

TRT#: 8

SEX: Female

DAY ON TEST: 489

DOSE: 250 PPM

DISP: Natural Death

HISTO: 34607

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Colon
* Intestine Large, Rectum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Parathyroid Gland

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Stomach, Glandular		

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
		Hepatocholangiocarcinoma	Metastatic (Liver)
	[Hepatocholangiocarcinoma TGLS = 4-4+10]		
* Kidney		Glomerulosclerosis	Mild
* Larynx	Squam Epithel	Hyperplasia	Mild
		Inflammation	Suppurative, Minimal
* Liver		Hepatocholangiocarcinoma	
	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
	[Hepatocholangiocarcinoma TGLS = 2-11]		
* Lung	Mediastinum	Hepatocholangiocarcinoma	Metastatic (Liver)
		Hepatocholangiocarcinoma	Metastatic (Liver)
	[Hepatocholangiocarcinoma TGLS = 3-3+12]		
	[Hepatocholangiocarcinoma TGLS = 1-3]		
* Lymph Node, Bronchial		Hepatocholangiocarcinoma	Metastatic (Liver)
* Lymph Node, Mediastinal		Hepatocholangiocarcinoma	Metastatic (Liver)
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Thymus		Hepatocholangiocarcinoma	Metastatic (Liver)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 739

TRT#: 8

SEX: Female

DAY ON TEST: 489

DOSE: 250 PPM

DISP: Natural Death

HISTO: 34607

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Lung Hepatocholangiocarcinoma Liver

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 740

TRT#: 8

SEX: Female

DAY ON TEST: 582

DOSE: 250 PPM

DISP: Moribund Sacrifice

HISTO: 34608

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Bronchial

OBSERVATIONS

* Bone Marrow		Hyperplasia	Megakaryocyte, Mild
* Heart		Cardiomyopathy	Minimal
* Intestine Small, Duodenum	Peyers Patch	Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 2-14]		
* Kidney		Glomerulosclerosis	Mild
		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	Multiple
		Lymphoma Malignant	
	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
	[Hepatocellular Carcinoma TGLS = 3,4-4+10+11+12]		
	[Lymphoma Malignant TGLS = 3,4-4+10+11+12]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 1-13]		
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Liver Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 741

TRT#: 8

SEX: Female

DAY ON TEST: 732

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 34609

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Intestine Small, Duodenum	Epithelium	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hyperplasia	Lymphoid, Minimal
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Marked
		Ulcer	Mild
* Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:23:34
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 742

TRT#: 8

SEX: Female

DAY ON TEST: 733

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 34610

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Bronchial

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Mild
* Heart		Cardiomyopathy	Minimal
* Liver	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
* Ovary		Cyst	Marked
[Cyst TGLS = 1-7]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 2-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 743

TRT#: 8

SEX: Female

DAY ON TEST: 731

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 34611

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Parathyroid Gland
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OBSERVATIONS

* Bone		Arthrosis	Moderate
		Fibrous Osteodystrophy	Mild
[Arthrosis TGLS = 4-10]			
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Hepatocellular Carcinoma	
	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
[Hepatocellular Carcinoma TGLS = 3-12]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2-11]			
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Ovary		Cyst	Minimal
[Cyst TGLS = 1-7]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Ulcer	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 743

TRT#: 8

SEX: Female

DAY ON TEST: 731

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 34611

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 744

TRT#: 8

SEX: Female

DAY ON TEST: 731

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 34612

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Brain	Meninges	Infiltration Cellular	Mononuclear CI, Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Metaplasia	Osseous, Minimal
		Nephropathy	Minimal
* Liver		Angiectasis	Minimal
	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Pancreas		Atrophy	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
		[Hematopoietic Cell Proliferation TGLS = 1-4]	
* Stomach, Forestomach	Epithelium	Hyperplasia	Marked
		Ulcer	Mild
		[Hyperplasia TGLS = 2-8+10]	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 745

TRT#: 8

DOSE: 250 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 34613

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular	* Lymph Node, Mediastinal
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Bone		Fibrous Osteodystrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
[Hepatocellular Adenoma TGLS = 1-10]			
* Ovary		Cyst	Mild
[Cyst TGLS = 3-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-8]			
* Spleen		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Marked
		Ulcer	Moderate
[Hyperplasia TGLS = 4-8+11]			
* Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 746

TRT#: 8

SEX: Female

DAY ON TEST: 733

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 34614

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
* Ovary		Cyst	Marked
[Cyst TGLS = 1-7]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Lymphoid, Mild
		Pigmentation	Hemosiderin, Mild
* Stomach, Glandular	Epithelium	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:23:34
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 747	TRT#: 8 DOSE: 250 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 656 HISTO: 34615
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
Eye	Cornea	Inflammation	Chronic, Mild
[Inflammation TGLS = 3-10]			
Harderian Gland		Carcinoma	
[Carcinoma TGLS = 1-10]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2-11]			
* Pancreas		Cytoplasmic Alteration	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
[Hyperplasia TGLS = 4-8]		Ulcer	Minimal

PRIMARY CAUSE OF DEATH - Harderian Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 748

TRT#: 8

SEX: Female

DAY ON TEST: 731

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 34616

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Bronchial

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
Eye	Cornea	Inflammation	Chronic, Marked
[Inflammation TGLS = 1-10]			
Harderian Gland		Adenoma	
[Adenoma TGLS = 2-10]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Metaplasia	Osseous, Minimal
		Nephropathy	Minimal
* Larynx	Squam Epithel	Hyperplasia	Minimal
* Liver	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Histiocyte, Mild
[Alveolar/Bronchiolar Adenoma TGLS = 3-3]			
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 748

TRT#: 8

SEX: Female

DAY ON TEST: 731

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 34616

ORGAN AND ACCOUNTABLE SITE STATUS

Ulcer

Minimal

[Hyperplasia TGLS = 5-8+11]

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 749

TRT#: 8

SEX: Female

DAY ON TEST: 732

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 34617

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Kupffer Cell	Hepatocellular Adenoma	Hemosiderin, Minimal
	[Hepatocellular Adenoma TGLS = 2-10]	Pigmentation	
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Ovary	Corpus Luteum	Hyperplasia	Marked
		Infiltration Cellular	Mast Cell, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
	Pars Intermed	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Marked
		Ulcer	Mild
			[Hyperplasia TGLS = 3-8+11]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 750

TRT#: 8

SEX: Female

DAY ON TEST: 732

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 34618

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mediastinal

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 1-2]			
* Bone		Fibrous Osteodystrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Minimal
	Kupffer Cell	Pigmentation	Hemosiderin, Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Respirat Epith	Degeneration	Hyaline, Minimal
* Pancreas		Atrophy	Marked
	Duct	Cyst	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hyperplasia	Lymphoid, Mild
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 2-8+10]			
* Uterus		Hyperplasia	Cystic, Moderate
		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05197-12

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Butoxyethanol (ethylene glycol monobutyl ether)
CAS Number: 111-76-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:23:34

First Dose M/F: NA / NA

Lab: BNW

**** END OF REPORT ****

* PROTOCOL REQUIRED TISSUE